

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: P1305999 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305999 (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-40-70-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

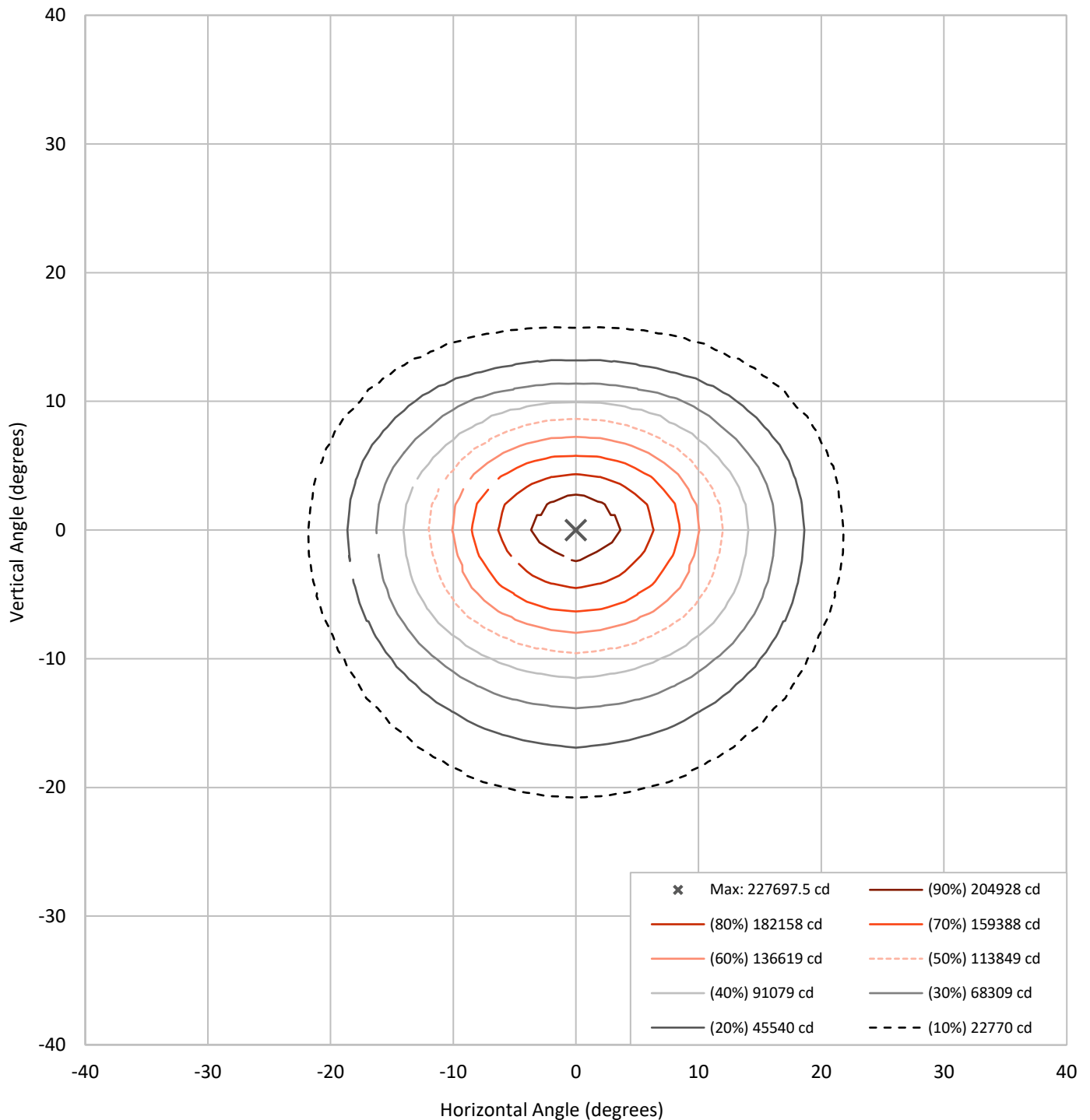
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	38065.3 lumens	Max Intensity:	227697.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	16283.5 lumens	Field Lumens:	32530.6 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





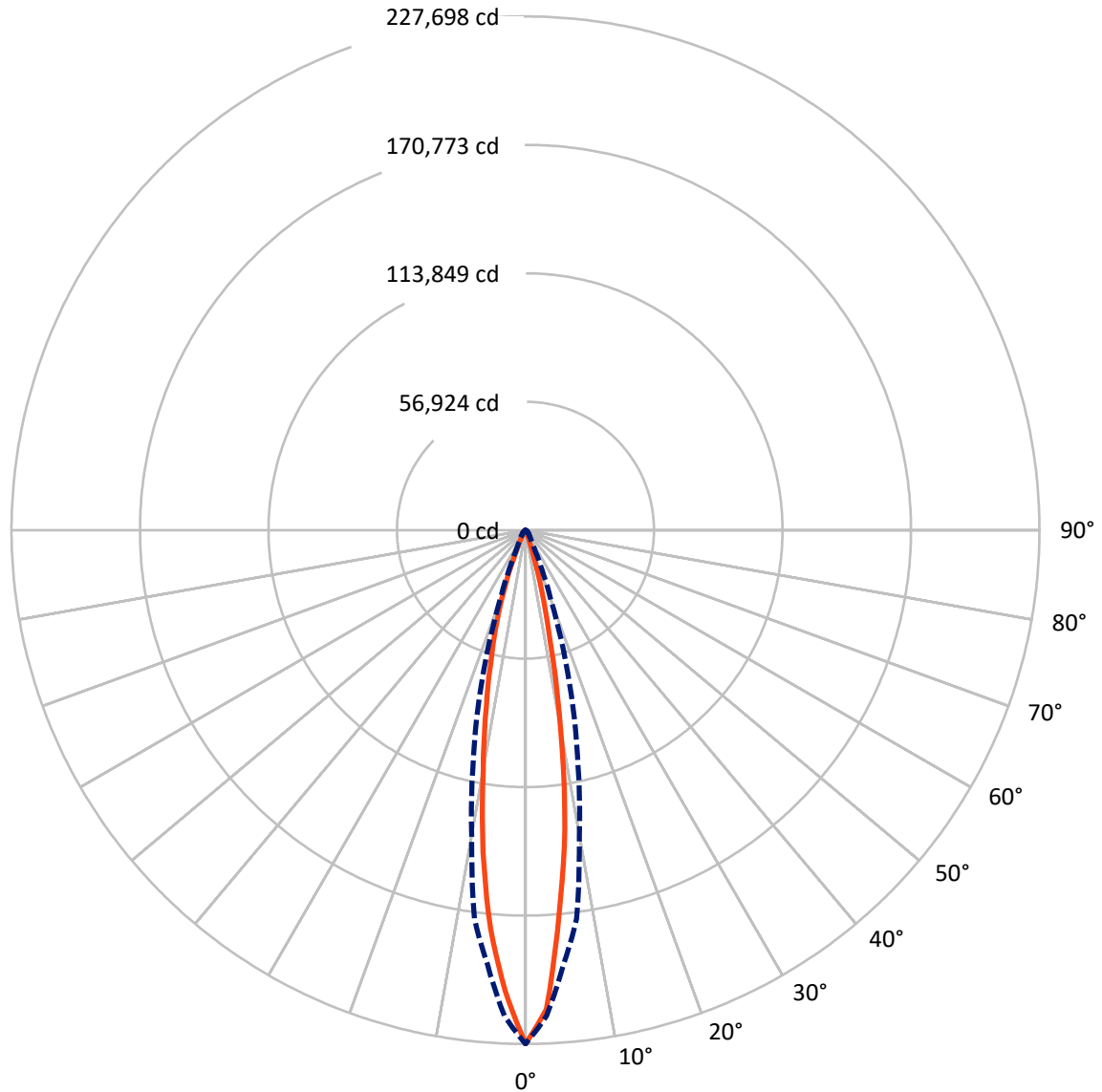
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Lumen Table

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		0.1	0.4	0.6	1.0	1.5	1.9	2.4	2.4	1.9	1.5	1.0	0.6	0.4	0.1				
30	0.2	0.3	1.1	2.7	5.0	7.7	17.3	34.8	34.8	17.3	7.7	5.0	2.7	1.1	0.3	0.2			
20		0.7	3.9	12.5	27.4	73.5	407.8	933.0	933.0	407.8	73.5	27.4	12.5	3.9	0.7				
10	0.2	1.4	8.2	29.6	69.0	303.6	1904.2	4444.9	4444.9	1904.2	303.6	69.0	29.6	8.2	1.4	0.2			
0		1.9	9.8	34.6	77.4	323.6	2031.0	4578.1	4578.1	2031.0	323.6	77.4	34.6	9.8	1.9				
-10	0.4	2.0	8.4	26.3	55.0	139.5	737.4	1659.5	1659.5	737.4	139.5	55.0	26.3	8.4	2.0	0.4			
-20		1.9	6.8	16.5	38.8	65.8	142.8	287.1	287.1	142.8	65.8	38.8	16.5	6.8	1.9				
-30	0.3	1.7	5.4	11.5	25.1	45.4	61.7	71.9	71.9	61.7	45.4	25.1	11.5	5.4	1.7	0.3			
-40		1.2	4.1	8.7	15.6	25.5	39.0	49.0	49.0	39.0	25.5	15.6	8.7	4.1	1.2				
-50	0.2	0.6	2.4	5.5	9.9	14.6	18.5	20.8	20.8	18.5	14.6	9.9	5.5	2.4	0.6	0.2			
-60		0.2	0.8	2.4	4.5	6.9	9.2	10.6	10.6	9.2	6.9	4.5	2.4	0.8	0.2				
-70	0.1	0.6	1.8	4.9	7.6	4.9	1.8	0.6	0.1						0.1				
-80		0.6	1.8	4.9	7.6	4.9	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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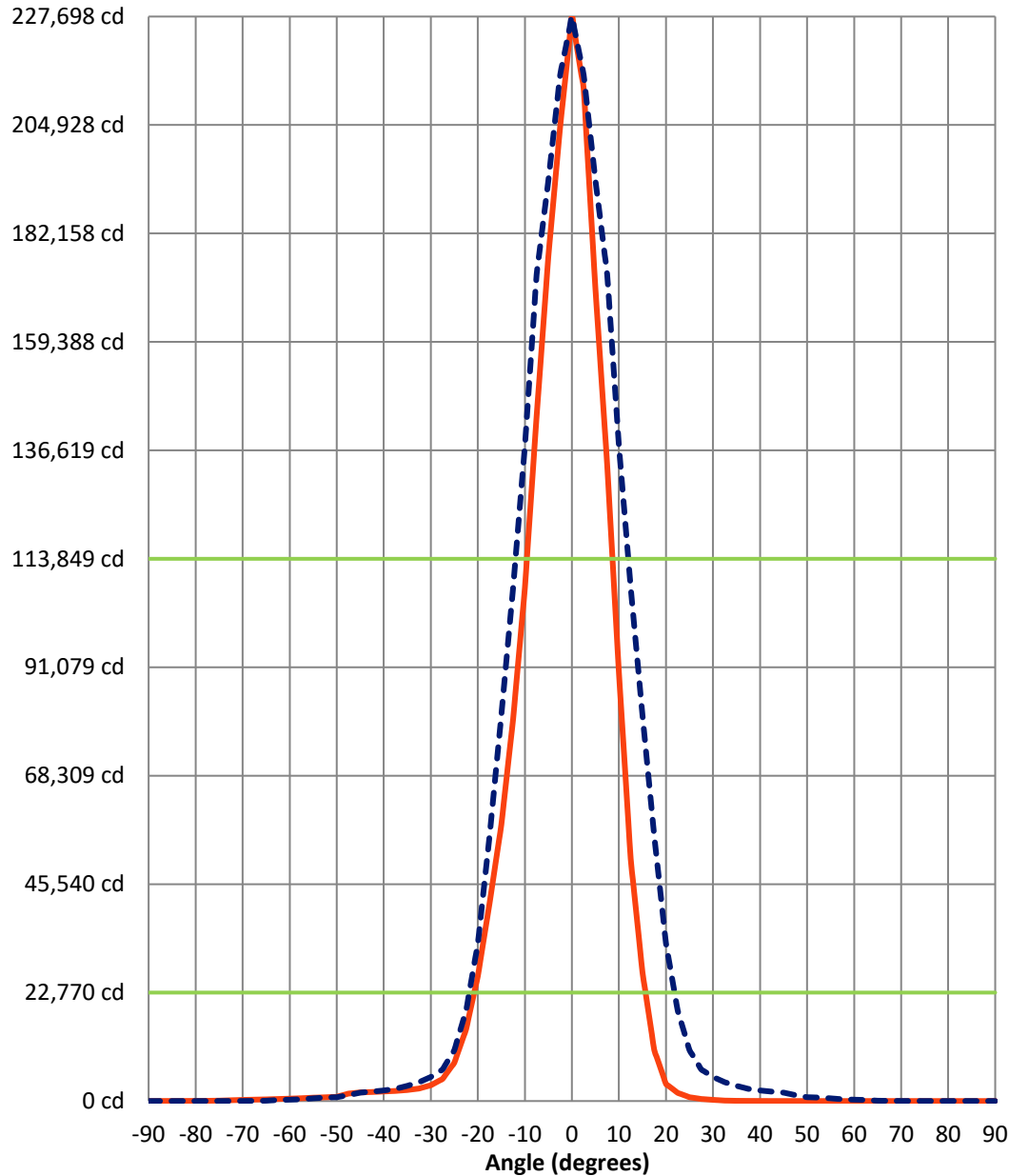
Luminous Intensity Polar Plot



— 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: 16283.5
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 32530.6
 Efficiency: 85.5%

Spill:
 Lumens: 5534.7
 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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
70°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2
67.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	5.7
65°	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.8	5.2	5.7	5.9
62.5°	4.8	4.8	4.8	4.8	4.8	4.9	4.9	5.0	5.6	6.0	5.6
60°	4.8	4.8	4.8	4.8	4.8	5.0	5.0	5.4	5.9	5.8	5.3
57.5°	4.8	4.8	4.8	4.8	4.9	5.2	5.3	5.7	5.9	5.6	5.2
55°	4.8	4.8	4.8	4.8	5.0	5.3	5.5	6.0	5.9	5.6	5.3
52.5°	4.8	4.8	4.9	4.8	5.2	5.4	5.7	6.0	5.9	5.6	5.4
50°	4.8	4.8	4.9	4.8	5.3	5.6	5.9	6.1	5.9	5.7	6.5
47.5°	4.8	4.8	4.9	4.8	5.4	5.7	6.0	6.2	6.0	5.8	7.5
45°	4.8	4.8	4.9	4.9	5.6	5.8	6.1	6.3	6.1	6.4	8.2
42.5°	4.8	4.8	5.0	5.0	5.7	5.9	6.2	6.4	6.3	6.8	9.0
40°	4.8	4.8	5.0	5.2	5.8	5.9	6.4	6.6	6.5	7.0	9.8
37.5°	4.8	4.8	5.1	5.3	5.9	6.0	6.5	6.8	7.0	7.8	10.5
35°	4.8	4.8	5.1	5.4	5.9	6.1	6.7	7.0	7.6	9.0	10.9
32.5°	4.8	4.8	5.2	5.5	6.0	6.2	6.9	7.2	8.1	10.3	12.0
30°	4.8	4.8	5.2	5.6	6.0	6.3	7.0	7.5	8.7	11.6	13.3
27.5°	4.8	4.8	5.3	5.7	6.0	6.5	7.2	8.0	9.5	13.0	14.9
25°	4.8	4.8	5.4	5.8	6.0	6.6	7.5	8.5	10.6	14.3	16.7
22.5°	4.8	4.8	5.4	5.8	6.0	6.7	7.7	8.9	11.7	15.7	20.2
20°	4.8	4.8	5.5	5.9	6.0	6.8	7.9	9.4	12.8	17.3	23.9
17.5°	4.8	4.8	5.6	5.9	6.0	6.9	8.1	9.9	13.9	18.9	28.0
15°	4.8	4.8	5.6	6.0	6.0	7.0	8.1	10.4	14.9	20.6	32.3
12.5°	4.8	4.8	5.7	6.0	6.0	7.1	8.2	11.0	16.1	22.3	36.7
10°	4.8	4.8	5.8	6.0	6.0	7.1	8.3	11.7	17.3	25.1	42.0
7.5°	4.8	4.8	5.8	6.0	6.0	7.1	8.3	12.4	18.5	28.2	49.5
5°	4.8	4.8	5.9	6.0	6.0	7.2	8.4	13.1	19.6	31.4	57.0
2.5°	4.8	4.8	5.9	6.0	6.0	7.2	8.4	13.8	20.7	34.4	64.2
0°	4.8	4.8	6.0	6.0	6.0	7.2	8.4	14.4	21.6	37.3	70.9
-2.5°	4.8	4.8	6.0	6.0	6.1	7.5	9.5	17.2	27.4	45.9	81.2
-5°	4.8	4.8	6.0	6.0	6.2	7.7	10.6	19.8	33.0	54.0	90.7
-7.5°	4.8	4.8	6.0	6.0	6.3	7.9	11.6	22.3	38.2	61.6	99.4
-10°	4.8	4.8	6.0	6.0	6.4	8.1	12.5	24.4	42.9	68.5	107.2
-12.5°	4.8	4.8	5.9	6.0	6.5	8.3	13.2	26.2	46.9	74.7	114.3
-15°	4.8	4.8	5.9	6.0	6.5	8.4	13.8	27.6	50.6	80.4	120.5
-17.5°	4.8	4.8	5.9	6.0	6.6	8.5	14.2	29.1	54.0	85.3	125.4
-20°	4.8	4.8	5.9	6.0	6.6	8.6	14.6	30.6	56.6	89.3	129.0



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 CATALOG NUMBER: EPH-08-320N-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.8	4.8	5.8	6.0	6.6	8.6	15.1	31.4	58.3	92.3	131.3
-25°	4.8	4.8	5.8	6.0	6.6	8.7	15.2	31.4	58.9	94.5	132.2
-27.5°	4.8	4.8	5.7	6.0	6.6	8.8	14.8	30.7	58.5	95.4	134.0
-30°	4.8	4.8	5.7	6.0	6.6	8.8	14.1	29.2	57.5	94.8	134.7
-32.5°	4.8	4.8	5.6	6.0	6.6	8.7	12.9	28.1	55.7	92.6	134.1
-35°	4.8	4.8	5.6	6.0	6.6	8.6	12.4	26.7	52.7	89.0	132.2
-37.5°	4.8	4.8	5.5	6.0	6.5	8.4	12.2	24.5	48.5	83.8	123.3
-40°	4.8	4.8	5.4	6.0	6.4	8.3	11.9	21.7	43.1	77.8	112.4
-42.5°	4.8	4.8	5.4	6.0	6.4	8.2	11.4	18.2	38.3	68.3	100.4
-45°	4.8	4.8	5.3	6.0	6.4	8.1	10.9	15.5	33.4	57.7	87.4
-47.5°	4.8	4.8	5.2	6.0	6.4	7.8	10.3	14.7	27.5	46.5	74.7
-50°	4.8	4.8	5.1	5.9	6.4	7.6	9.9	13.8	20.4	38.3	61.1
-52.5°	4.8	4.8	5.1	5.8	6.3	7.3	9.5	12.8	17.1	29.8	47.2
-55°	4.8	4.8	5.0	5.7	6.2	7.1	9.0	11.7	15.5	21.0	37.2
-57.5°	4.8	4.8	4.9	5.6	6.1	6.9	8.5	10.9	13.9	17.5	26.9
-60°	4.8	4.8	4.8	5.5	6.0	6.7	7.9	10.1	12.4	15.6	19.0
-62.5°	4.8	4.8	4.8	5.4	5.9	6.4	7.5	9.2	11.4	13.7	16.8
-65°	4.8	4.8	4.8	5.3	5.8	6.2	7.1	8.4	10.3	12.3	14.6
-67.5°	4.8	4.8	4.8	5.2	5.7	6.0	6.6	7.8	9.3	11.2	13.0
-70°	4.8	4.8	4.8	5.1	5.6	5.9	6.1	7.2	8.6	9.9	11.6
-72.5°	4.8	4.8	4.8	5.0	5.5	5.8	6.0	6.6	7.9	9.1	10.4
-75°	4.8	4.8	4.8	5.0	5.4	5.7	6.0	6.4	7.1	8.3	9.4
-77.5°	4.8	4.8	4.8	5.0	5.3	5.7	6.0	6.2	6.8	7.5	8.5
-80°	4.8	4.8	4.8	4.9	5.2	5.6	6.0	6.1	6.4	6.9	7.6
-82.5°	4.8	4.8	4.8	4.9	5.1	5.4	5.7	5.9	6.0	6.3	6.6
-85°	4.8	4.8	4.8	4.9	5.0	5.2	5.4	5.5	5.6	5.7	5.8
-87.5°	4.8	4.8	4.8	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.3
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.4	5.7
87.5°	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.6	3.6	3.6
85°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.6	3.6	3.6	3.6
82.5°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.8	3.8	3.8	3.7
80°	4.8	4.8	4.8	4.8	4.7	4.6	4.5	4.6	4.5	4.3	4.0
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.3	4.0
75°	4.8	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.6
72.5°	5.0	5.1	5.1	4.9	4.8	4.8	4.8	4.8	5.7	6.9	7.8
70°	5.5	5.5	5.2	4.9	4.8	5.1	6.6	8.6	10.7	12.3	14.2
67.5°	5.8	5.3	4.9	4.9	5.8	7.4	9.7	14.8	20.6	22.8	23.5
65°	5.4	4.9	5.1	5.9	7.1	11.3	17.0	23.7	28.6	28.2	26.7
62.5°	4.9	5.0	5.6	7.5	11.4	16.7	21.9	26.5	31.2	29.9	25.7
60°	4.9	5.1	7.4	11.3	15.3	19.2	24.1	26.7	28.9	28.7	22.7
57.5°	5.0	6.5	10.4	14.2	17.5	20.5	22.0	23.8	24.6	24.6	18.4
55°	5.8	8.9	12.7	16.0	18.4	18.0	18.6	18.8	18.9	17.6	12.5
52.5°	7.6	11.0	14.1	17.0	17.5	15.8	13.8	13.9	13.0	10.9	9.0
50°	9.2	12.2	15.2	17.2	16.4	13.1	10.2	10.1	9.2	8.0	6.9
47.5°	10.3	13.3	16.3	17.3	14.6	11.9	9.4	8.2	7.3	7.1	6.3
45°	11.3	14.2	17.3	16.2	13.8	11.8	9.7	7.2	7.5	7.5	7.7
42.5°	12.2	14.8	16.6	15.4	14.1	12.6	10.7	9.2	8.6	9.5	9.9
40°	12.6	15.2	16.0	16.3	14.9	14.2	13.9	12.8	11.1	12.6	13.1
37.5°	12.8	15.2	16.7	18.7	16.9	17.4	18.1	18.4	17.3	16.9	19.1
35°	12.8	15.6	20.2	22.5	21.0	22.1	24.2	25.2	25.2	24.7	28.4
32.5°	13.1	16.5	24.9	26.9	28.5	29.8	31.2	33.4	35.5	37.8	43.8
30°	14.8	20.9	30.4	31.9	37.6	43.5	41.9	43.0	47.7	62.7	75.9
27.5°	18.4	27.0	35.1	40.0	49.2	61.6	65.4	57.8	71.5	94.9	117.2
25°	22.8	43.7	40.3	49.8	66.9	85.5	95.9	94.8	108.2	137.7	164.2
22.5°	32.0	65.5	63.5	60.6	87.6	114.9	132.6	163.5	206.8	206.7	216.2
20°	48.1	86.4	92.8	100.8	118.2	148.7	174.1	255.6	345.9	376.6	343.2
17.5°	66.9	109.3	126.2	153.3	192.0	211.7	226.2	365.8	518.4	579.0	598.0
15°	87.9	134.1	161.8	212.1	273.8	308.7	370.4	529.8	710.3	812.8	889.1
12.5°	110.2	160.1	199.2	275.6	361.4	407.7	544.3	775.1	954.8	1078.6	1272.4
10°	133.2	187.0	237.7	342.2	453.1	507.8	730.5	1027.7	1215.4	1358.7	1623.9
7.5°	158.5	213.8	275.9	410.2	546.8	608.3	922.8	1282.3	1469.5	1629.0	1928.8
5°	183.2	239.5	310.1	468.1	621.9	693.1	1096.2	1532.1	1716.2	1889.4	2204.1
2.5°	206.0	264.1	343.0	521.3	681.5	752.5	1179.7	1659.2	1860.0	2074.8	2412.0
0°	226.1	287.4	374.0	570.0	735.9	809.3	1245.8	1768.9	1976.9	2221.0	2563.7
-2.5°	230.3	296.7	385.0	569.3	728.6	807.9	1252.2	1773.7	2017.2	2275.2	2610.6
-5°	231.4	304.1	393.5	563.6	716.5	803.2	1239.2	1755.7	2023.8	2262.0	2564.0
-7.5°	229.8	309.4	399.4	552.4	693.0	776.5	1166.1	1647.0	1918.1	2125.5	2409.5
-10°	225.6	308.6	392.9	527.3	655.4	736.0	1066.2	1521.4	1807.9	1986.5	2233.9
-12.5°	218.4	302.9	382.5	500.4	617.4	694.7	949.7	1382.4	1696.2	1848.7	2048.9
-15°	210.4	296.0	370.3	472.5	580.2	653.1	817.5	1232.3	1589.8	1745.2	1893.9
-17.5°	201.9	288.3	356.3	444.7	545.1	611.8	674.7	1072.9	1455.3	1639.5	1783.2
-20°	193.7	279.8	340.9	417.6	512.1	579.8	631.4	911.4	1266.2	1522.5	1666.8



REPORT NUMBER: P1305999 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	186.0	270.8	326.2	396.6	482.9	554.4	606.7	753.3	1066.7	1395.3	1551.2
-25°	183.1	257.8	314.3	378.2	455.0	528.7	582.6	619.3	878.2	1203.5	1441.1
-27.5°	183.2	246.9	302.8	358.4	427.2	501.3	555.1	592.9	734.9	1014.9	1316.9
-30°	181.6	233.8	290.2	339.2	402.8	469.8	526.6	578.9	623.8	848.0	1114.5
-32.5°	174.7	220.0	275.0	324.2	378.2	439.4	503.3	559.2	608.0	680.9	922.3
-35°	165.5	208.6	258.4	308.0	353.3	412.3	475.1	536.2	588.0	633.3	743.4
-37.5°	157.0	195.7	241.4	290.2	334.7	385.3	444.9	506.1	561.7	615.5	665.3
-40°	147.4	181.3	225.1	271.1	315.4	359.6	413.4	471.3	529.8	591.9	651.8
-42.5°	136.3	169.3	207.7	251.1	293.2	336.4	380.6	434.9	493.9	559.5	622.0
-45°	121.7	156.1	189.5	228.6	268.5	310.5	353.0	396.9	453.8	514.4	579.8
-47.5°	105.9	140.9	173.3	204.6	242.2	281.4	322.7	365.8	410.7	465.9	524.6
-50°	89.3	121.9	154.8	183.1	214.6	250.7	288.8	331.5	374.4	417.6	467.6
-52.5°	73.2	101.6	132.5	161.8	188.9	219.2	254.5	293.2	334.2	375.7	414.4
-55°	56.1	81.9	108.6	137.2	164.7	190.4	218.8	253.6	290.3	328.8	364.2
-57.5°	42.3	61.8	85.5	110.5	137.0	163.1	188.0	213.2	244.8	278.8	309.1
-60°	30.4	44.5	62.7	84.7	107.4	132.0	157.0	180.5	203.6	226.0	253.1
-62.5°	19.9	31.0	43.8	59.2	79.3	100.1	122.2	144.9	167.4	186.8	204.6
-65°	17.4	20.0	28.7	40.2	51.7	70.4	89.2	107.2	127.0	144.8	162.0
-67.5°	14.9	17.2	19.5	23.6	34.0	45.6	57.7	74.2	89.9	102.7	115.4
-70°	13.2	14.6	16.5	18.6	20.7	25.5	35.6	46.3	56.7	66.6	77.5
-72.5°	11.7	12.9	14.1	15.4	17.2	19.4	21.8	24.2	30.0	37.9	45.4
-75°	10.3	11.2	12.3	13.4	14.6	15.9	17.4	19.3	21.2	22.9	24.4
-77.5°	9.2	9.8	10.6	11.4	12.3	13.3	14.4	15.6	16.8	18.1	19.4
-80°	8.0	8.4	8.9	9.4	10.2	11.0	11.7	12.5	13.2	14.1	15.0
-82.5°	6.9	7.2	7.5	7.7	8.2	8.7	9.4	10.0	10.2	10.4	10.7
-85°	5.9	6.0	6.2	6.4	6.6	6.9	7.2	7.5	7.6	7.6	7.6
-87.5°	5.4	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.8	5.9	5.9
-90°	4.5	4.2	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°	6.0	6.3	6.6	6.9	7.2	9.9	12.6	15.3	18.0	22.5	27.0
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°	3.6	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°	4.7	4.8	4.9	4.7	4.3	4.0	3.8	3.6	3.4	3.2	3.0
72.5°	8.4	8.5	8.1	7.8	7.0	6.7	6.7	6.7	6.5	6.4	6.3
70°	15.4	15.7	15.0	13.6	11.5	10.1	9.4	8.6	7.6	7.2	7.1
67.5°	21.9	20.1	18.1	16.1	13.5	11.3	10.0	8.8	7.7	7.1	6.8
65°	24.0	19.6	16.4	13.8	11.8	10.2	8.8	7.5	6.2	5.4	5.1
62.5°	20.9	15.6	12.4	10.5	9.1	8.2	6.8	5.7	4.6	4.0	4.2
60°	17.0	11.5	8.5	7.5	6.6	6.0	5.3	4.6	4.0	3.6	3.7
57.5°	12.7	8.4	6.0	5.8	5.5	5.0	4.6	4.3	3.9	3.6	3.6
55°	8.8	6.9	6.0	5.7	5.4	5.0	4.7	4.3	4.0	3.6	3.6
52.5°	6.9	6.3	6.0	5.8	5.5	5.1	4.8	4.4	4.0	3.7	3.6
50°	6.3	6.1	6.1	5.9	5.6	5.2	4.8	4.6	4.5	4.4	4.5
47.5°	6.5	6.6	6.5	6.0	5.8	5.9	5.9	5.9	5.9	5.7	5.6
45°	7.4	7.4	7.3	7.2	6.9	7.6	8.0	8.1	9.4	8.9	7.5
42.5°	9.1	9.6	10.1	10.7	9.9	12.7	17.0	19.9	17.0	13.5	11.3
40°	13.9	14.2	17.3	18.9	22.4	26.4	24.0	20.0	17.8	19.1	19.7
37.5°	21.9	25.6	30.6	36.2	34.8	28.9	29.5	29.5	28.5	30.9	31.0
35°	35.8	44.8	49.0	50.3	47.9	46.0	47.7	49.3	45.6	51.4	53.3
32.5°	58.4	69.4	71.9	69.3	69.6	73.6	76.7	82.1	87.6	96.4	106.8
30°	86.2	98.0	103.7	98.5	99.5	109.1	115.3	127.8	147.7	170.5	198.9
27.5°	127.6	136.5	146.5	147.9	143.2	157.2	179.2	192.3	245.9	281.4	345.3
25°	182.4	196.0	204.9	220.0	228.1	245.0	287.1	327.6	410.0	490.1	626.2
22.5°	254.2	298.0	314.2	311.9	359.3	404.9	440.8	554.2	716.4	953.9	1221.2
20°	349.1	439.2	515.8	540.7	557.5	677.8	801.6	1153.8	1557.6	2231.5	2755.5
17.5°	629.2	658.9	827.1	964.0	1029.1	1284.0	1861.7	2748.4	4272.4	6357.7	7639.8
15°	1050.5	1135.2	1303.9	1593.5	1951.9	2627.5	3591.8	6418.7	10327.3	14598.7	18665.3
12.5°	1515.7	1692.3	2001.3	2427.8	2997.0	4924.4	8036.6	13355.1	20591.3	27991.7	37430.0
10°	1947.4	2302.5	2809.7	3529.7	4990.9	8283.7	13522.3	22562.8	35380.5	48745.6	62097.8
7.5°	2299.6	2807.6	3549.3	4627.8	7246.7	12533.1	21124.5	34444.6	50878.8	68073.7	86177.3
5°	2655.3	3298.3	4191.6	5496.6	8724.9	15816.2	27243.7	45479.3	66687.8	88353.9	111168.4
2.5°	2963.5	3715.9	4750.1	6274.7	9719.0	17593.2	30935.2	53389.9	78290.8	104217.8	133275.7
0°	3191.4	3957.4	5056.5	6642.6	10698.6	18976.5	33096.1	55728.2	81055.0	107821.9	137520.3
-2.5°	3159.7	3852.4	4848.7	6422.6	10358.1	18727.0	31746.3	53803.0	78590.7	103682.0	130169.1
-5°	3015.3	3617.8	4510.5	5919.3	9182.8	16248.0	28488.8	48816.3	71865.6	94795.0	118362.0
-7.5°	2795.3	3316.5	4098.9	5309.3	7827.5	13390.8	23563.5	39464.8	59281.0	78877.9	97057.7
-10°	2568.0	2992.6	3626.7	4583.1	6379.4	10266.8	17460.5	29347.9	45827.4	61966.0	75897.7
-12.5°	2354.4	2670.5	3121.5	3787.4	4894.6	7685.9	13117.6	21790.5	32798.4	45206.5	57269.9
-15°	2155.1	2388.9	2712.8	3249.8	4135.9	5791.6	8740.4	14520.1	22262.9	30924.0	39263.1
-17.5°	1972.5	2165.2	2417.9	2796.0	3345.1	4368.9	6434.6	9739.0	14413.8	20574.6	26333.3
-20°	1808.7	1983.3	2172.4	2455.6	2877.2	3479.9	4496.9	6548.3	9245.9	13129.0	16937.3



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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°	1680.5	1817.7	1964.6	2181.3	2532.7	2960.1	3465.6	4306.1	5790.9	7782.6	10038.3
-25°	1563.4	1664.9	1817.4	2050.6	2291.3	2576.3	2882.9	3220.0	3878.8	4519.4	5700.4
-27.5°	1452.0	1559.1	1717.9	1928.4	2148.0	2281.1	2477.2	2685.4	3000.6	3278.7	3749.2
-30°	1359.1	1471.6	1606.4	1784.0	1969.0	2094.3	2196.3	2346.9	2521.7	2696.2	2898.6
-32.5°	1184.5	1399.1	1492.6	1628.0	1794.5	1926.4	2016.7	2128.6	2222.0	2330.4	2440.4
-35°	993.5	1230.2	1423.5	1511.1	1626.3	1772.9	1901.3	1991.1	2063.5	2130.4	2193.4
-37.5°	777.4	1023.5	1234.6	1412.3	1517.7	1615.9	1752.0	1872.9	1960.0	2006.0	2047.0
-40°	695.1	766.2	989.2	1193.0	1351.6	1505.5	1611.6	1730.1	1830.7	1894.2	1941.8
-42.5°	681.0	717.6	746.4	900.9	1093.4	1258.2	1398.6	1536.9	1659.8	1750.9	1824.5
-45°	643.1	686.5	727.0	755.5	785.2	930.9	1087.7	1240.4	1379.1	1503.2	1611.7
-47.5°	581.6	633.5	676.8	718.2	750.4	775.8	805.2	853.8	983.8	1111.3	1232.4
-50°	514.9	561.9	608.8	653.4	688.4	719.1	747.4	771.5	795.9	821.4	845.6
-52.5°	448.9	490.9	532.7	571.8	609.0	644.1	676.7	700.7	721.2	739.3	752.9
-55°	397.0	428.2	458.7	491.9	524.9	555.9	584.2	610.2	633.7	654.8	671.0
-57.5°	339.7	370.3	399.4	424.2	448.4	471.7	495.8	518.8	539.1	556.7	571.0
-60°	279.8	305.9	331.8	356.3	379.5	401.5	421.2	439.4	455.7	469.8	480.3
-62.5°	222.0	242.6	265.9	287.2	305.9	323.8	344.1	362.4	378.6	392.2	402.2
-65°	178.2	193.1	209.8	226.3	242.4	259.8	277.6	293.3	307.1	318.4	327.3
-67.5°	129.9	144.5	160.7	175.5	189.2	203.9	220.8	236.4	250.6	262.1	271.4
-70°	87.5	97.9	110.7	124.5	137.9	152.0	167.4	182.3	196.5	207.4	216.2
-72.5°	52.5	59.3	66.2	75.2	84.6	96.2	109.2	122.2	135.1	144.5	151.8
-75°	25.7	28.5	34.1	39.3	44.1	50.3	56.8	63.0	68.8	73.1	76.5
-77.5°	20.8	22.1	23.4	24.7	25.9	28.6	31.8	35.2	38.6	41.4	43.9
-80°	16.0	16.8	17.7	18.6	19.6	21.6	23.9	26.2	28.4	30.2	31.8
-82.5°	11.1	11.6	12.0	12.4	12.7	14.2	15.7	17.2	18.6	20.0	21.3
-85°	7.5	7.6	7.8	7.9	7.9	9.4	11.0	12.6	14.1	15.4	16.7
-87.5°	6.0	6.0	6.1	6.1	6.1	7.4	8.6	9.9	11.0	12.2	13.4
-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°	31.6	36.1	33.1	30.1	33.1	36.1	31.6	27.0	22.5	18.0	15.3
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	3.6
72.5°	6.1	5.9	6.0	6.0	6.0	5.9	6.1	6.3	6.4	6.5	6.7
70°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.6	8.6
67.5°	6.4	6.1	6.0	6.0	6.0	6.1	6.4	6.8	7.1	7.7	8.8
65°	4.9	4.9	4.8	4.8	4.8	4.9	4.9	5.1	5.4	6.2	7.5
62.5°	4.4	4.7	4.8	4.8	4.8	4.7	4.4	4.2	4.0	4.6	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	4.8	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	4.3
52.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.0	4.4
50°	4.6	4.7	4.8	4.8	4.8	4.7	4.6	4.5	4.4	4.5	4.6
47.5°	5.8	5.9	5.6	4.8	5.6	5.9	5.8	5.6	5.7	5.9	5.9
45°	7.5	7.3	7.2	7.2	7.2	7.3	7.5	7.5	8.9	9.4	8.1
42.5°	11.7	11.8	11.9	12.0	11.9	11.8	11.7	11.3	13.5	17.0	19.9
40°	20.8	21.2	21.4	21.6	21.4	21.2	20.8	19.7	19.1	17.8	20.0
37.5°	31.5	32.0	32.2	32.5	32.2	32.0	31.5	31.0	30.9	28.5	29.5
35°	53.1	52.9	51.1	51.7	51.1	52.9	53.1	53.3	51.4	45.6	49.3
32.5°	114.0	114.8	108.9	99.8	108.9	114.8	114.0	106.8	96.4	87.6	82.1
30°	220.3	239.1	251.8	252.5	251.8	239.1	220.3	198.9	170.5	147.7	127.8
27.5°	388.0	417.3	429.8	436.5	429.8	417.3	388.0	345.3	281.4	245.9	192.3
25°	733.1	800.4	836.8	809.3	836.8	800.4	733.1	626.2	490.1	410.0	327.6
22.5°	1475.2	1603.8	1713.4	1719.6	1713.4	1603.8	1475.2	1221.2	953.9	716.4	554.2
20°	3484.0	3454.7	3731.8	3593.0	3731.8	3454.7	3484.0	2755.5	2231.5	1557.6	1153.8
17.5°	9882.1	10975.1	11579.3	10752.7	11579.3	10975.1	9882.1	7639.8	6357.7	4272.4	2748.4
15°	22718.5	25445.4	27290.4	27054.8	27290.4	25445.4	22718.5	18665.3	14598.7	10327.3	6418.7
12.5°	42716.6	47197.6	51017.2	50856.9	51017.2	47197.6	42716.6	37430.0	27991.7	20591.3	13355.1
10°	73993.5	81806.0	89086.7	89845.2	89086.7	81806.0	73993.5	62097.8	48745.6	35380.5	22562.8
7.5°	102809.4	120402.1	130888.7	133579.2	130888.7	120402.1	102809.4	86177.3	68073.7	50878.8	34444.6
5°	138891.9	159264.8	170286.3	170580.4	170286.3	159264.8	138891.9	111168.4	88353.9	66687.8	45479.3
2.5°	165602.8	188551.6	202084.5	212555.1	202084.5	188551.6	165602.8	133275.7	104217.8	78290.8	53389.9
0°	173547.0	193337.5	215420.1	227697.5	215420.1	193337.5	173547.0	137520.3	107821.9	81055.0	55728.2
-2.5°	162902.3	183622.7	194584.7	204571.2	194584.7	183622.7	162902.3	130169.1	103682.0	78590.7	53803.0
-5°	142680.2	164626.5	175158.8	177406.9	175158.8	164626.5	142680.2	118362.0	94795.0	71865.6	48816.3
-7.5°	113530.9	128977.5	139640.2	143822.0	139640.2	128977.5	113530.9	97057.7	78877.9	59281.0	39464.8
-10°	88853.5	98827.8	104163.7	107711.8	104163.7	98827.8	88853.5	75897.7	61966.0	45827.4	29347.9
-12.5°	66993.0	74203.3	78388.1	80209.7	78388.1	74203.3	66993.0	57269.9	45206.5	32798.4	21790.5
-15°	47685.2	53390.6	56224.3	58028.6	56224.3	53390.6	47685.2	39263.1	30924.0	22262.9	14520.1
-17.5°	32670.7	37258.3	39873.1	41573.7	39873.1	37258.3	32670.7	26333.3	20574.6	14413.8	9739.0
-20°	20903.5	23635.1	25647.2	26233.5	25647.2	23635.1	20903.5	16937.3	13129.0	9245.9	6548.3



REPORT NUMBER: P1305999 (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°	12213.2	13821.6	14834.8	15064.8	14834.8	13821.6	12213.2	10038.3	7782.6	5790.9	4306.1
-25°	6640.6	7341.4	7873.0	8053.1	7873.0	7341.4	6640.6	5700.4	4519.4	3878.8	3220.0
-27.5°	4078.0	4348.9	4545.3	4646.4	4545.3	4348.9	4078.0	3749.2	3278.7	3000.6	2685.4
-30°	3067.3	3190.9	3264.6	3314.1	3264.6	3190.9	3067.3	2898.6	2696.2	2521.7	2346.9
-32.5°	2518.3	2573.7	2607.0	2629.8	2607.0	2573.7	2518.3	2440.4	2330.4	2222.0	2128.6
-35°	2243.2	2279.1	2303.8	2316.0	2303.8	2279.1	2243.2	2193.4	2130.4	2063.5	1991.1
-37.5°	2077.5	2100.1	2116.5	2126.0	2116.5	2100.1	2077.5	2047.0	2006.0	1960.0	1872.9
-40°	1964.5	1980.3	1993.5	2008.2	1993.5	1980.3	1964.5	1941.8	1894.2	1830.7	1730.1
-42.5°	1861.4	1884.9	1896.8	1899.9	1896.8	1884.9	1861.4	1824.5	1750.9	1659.8	1536.9
-45°	1694.8	1760.2	1800.4	1813.4	1800.4	1760.2	1694.8	1611.7	1503.2	1379.1	1240.4
-47.5°	1343.7	1441.7	1515.6	1560.8	1515.6	1441.7	1343.7	1232.4	1111.3	983.8	853.8
-50°	868.2	889.0	897.1	892.2	897.1	889.0	868.2	845.6	821.4	795.9	771.5
-52.5°	763.7	772.0	778.9	784.0	778.9	772.0	763.7	752.9	739.3	721.2	700.7
-55°	683.7	693.1	702.0	709.5	702.0	693.1	683.7	671.0	654.8	633.7	610.2
-57.5°	583.0	592.5	596.0	595.2	596.0	592.5	583.0	571.0	556.7	539.1	518.8
-60°	489.0	495.7	500.7	503.8	500.7	495.7	489.0	480.3	469.8	455.7	439.4
-62.5°	410.1	415.9	422.5	428.1	422.5	415.9	410.1	402.2	392.2	378.6	362.4
-65°	334.9	341.1	346.0	349.9	346.0	341.1	334.9	327.3	318.4	307.1	293.3
-67.5°	279.7	287.1	292.6	297.0	292.6	287.1	279.7	271.4	262.1	250.6	236.4
-70°	224.4	231.8	236.2	239.3	236.2	231.8	224.4	216.2	207.4	196.5	182.3
-72.5°	158.1	163.4	165.9	167.1	165.9	163.4	158.1	151.8	144.5	135.1	122.2
-75°	79.5	82.1	84.5	86.6	84.5	82.1	79.5	76.5	73.1	68.8	63.0
-77.5°	46.5	48.9	50.4	51.7	50.4	48.9	46.5	43.9	41.4	38.6	35.2
-80°	33.3	34.7	36.0	37.3	36.0	34.7	33.3	31.8	30.2	28.4	26.2
-82.5°	22.6	23.9	24.6	25.3	24.6	23.9	22.6	21.3	20.0	18.6	17.2
-85°	17.9	19.2	19.8	20.4	19.8	19.2	17.9	16.7	15.4	14.1	12.6
-87.5°	14.5	15.7	16.2	16.8	16.2	15.7	14.5	13.4	12.2	11.0	9.9
-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°	12.6	9.9	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8
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	3.6	4.0	4.3	4.5	4.6
77.5°	3.1	3.4	3.6	3.8	3.8	3.8	3.8	4.0	4.3	4.6	4.8
75°	3.8	4.0	4.3	4.7	4.9	4.8	4.7	4.6	4.6	4.7	4.8
72.5°	6.7	6.7	7.0	7.8	8.1	8.5	8.4	7.8	6.9	5.7	4.8
70°	9.4	10.1	11.5	13.6	15.0	15.7	15.4	14.2	12.3	10.7	8.6
67.5°	10.0	11.3	13.5	16.1	18.1	20.1	21.9	23.5	22.8	20.6	14.8
65°	8.8	10.2	11.8	13.8	16.4	19.6	24.0	26.7	28.2	28.6	23.7
62.5°	6.8	8.2	9.1	10.5	12.4	15.6	20.9	25.7	29.9	31.2	26.5
60°	5.3	6.0	6.6	7.5	8.5	11.5	17.0	22.7	28.7	28.9	26.7
57.5°	4.6	5.0	5.5	5.8	6.0	8.4	12.7	18.4	24.6	24.6	23.8
55°	4.7	5.0	5.4	5.7	6.0	6.9	8.8	12.5	17.6	18.9	18.8
52.5°	4.8	5.1	5.5	5.8	6.0	6.3	6.9	9.0	10.9	13.0	13.9
50°	4.8	5.2	5.6	5.9	6.1	6.1	6.3	6.9	8.0	9.2	10.1
47.5°	5.9	5.9	5.8	6.0	6.5	6.6	6.5	6.3	7.1	7.3	8.2
45°	8.0	7.6	6.9	7.2	7.3	7.4	7.4	7.7	7.5	7.5	7.2
42.5°	17.0	12.7	9.9	10.7	10.1	9.6	9.1	9.9	9.5	8.6	9.2
40°	24.0	26.4	22.4	18.9	17.3	14.2	13.9	13.1	12.6	11.1	12.8
37.5°	29.5	28.9	34.8	36.2	30.6	25.6	21.9	19.1	16.9	17.3	18.4
35°	47.7	46.0	47.9	50.3	49.0	44.8	35.8	28.4	24.7	25.2	25.2
32.5°	76.7	73.6	69.6	69.3	71.9	69.4	58.4	43.8	37.8	35.5	33.4
30°	115.3	109.1	99.5	98.5	103.7	98.0	86.2	75.9	62.7	47.7	43.0
27.5°	179.2	157.2	143.2	147.9	146.5	136.5	127.6	117.2	94.9	71.5	57.8
25°	287.1	245.0	228.1	220.0	204.9	196.0	182.4	164.2	137.7	108.2	94.8
22.5°	440.8	404.9	359.3	311.9	314.2	298.0	254.2	216.2	206.7	206.8	163.5
20°	801.6	677.8	557.5	540.7	515.8	439.2	349.1	343.2	376.6	345.9	255.6
17.5°	1861.7	1284.0	1029.1	964.0	827.1	658.9	629.2	598.0	579.0	518.4	365.8
15°	3591.8	2627.5	1951.9	1593.5	1303.9	1135.2	1050.5	889.1	812.8	710.3	529.8
12.5°	8036.6	4924.4	2997.0	2427.8	2001.3	1692.3	1515.7	1272.4	1078.6	954.8	775.1
10°	13522.3	8283.7	4990.9	3529.7	2809.7	2302.5	1947.4	1623.9	1358.7	1215.4	1027.7
7.5°	21124.5	12533.1	7246.7	4627.8	3549.3	2807.6	2299.6	1928.8	1629.0	1469.5	1282.3
5°	27243.7	15816.2	8724.9	5496.6	4191.6	3298.3	2655.3	2204.1	1889.4	1716.2	1532.1
2.5°	30935.2	17593.2	9719.0	6274.7	4750.1	3715.9	2963.5	2412.0	2074.8	1860.0	1659.2
0°	33096.1	18976.5	10698.6	6642.6	5056.5	3957.4	3191.4	2563.7	2221.0	1976.9	1768.9
-2.5°	31746.3	18727.0	10358.1	6422.6	4848.7	3852.4	3159.7	2610.6	2275.2	2017.2	1773.7
-5°	28488.8	16248.0	9182.8	5919.3	4510.5	3617.8	3015.3	2564.0	2262.0	2023.8	1755.7
-7.5°	23563.5	13390.8	7827.5	5309.3	4098.9	3316.5	2795.3	2409.5	2125.5	1918.1	1647.0
-10°	17460.5	10266.8	6379.4	4583.1	3626.7	2992.6	2568.0	2233.9	1986.5	1807.9	1521.4
-12.5°	13117.6	7685.9	4894.6	3787.4	3121.5	2670.5	2354.4	2048.9	1848.7	1696.2	1382.4
-15°	8740.4	5791.6	4135.9	3249.8	2712.8	2388.9	2155.1	1893.9	1745.2	1589.8	1232.3
-17.5°	6434.6	4368.9	3345.1	2796.0	2417.9	2165.2	1972.5	1783.2	1639.5	1455.3	1072.9
-20°	4496.9	3479.9	2877.2	2455.6	2172.4	1983.3	1808.7	1666.8	1522.5	1266.2	911.4



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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°	3465.6	2960.1	2532.7	2181.3	1964.6	1817.7	1680.5	1551.2	1395.3	1066.7	753.3
-25°	2882.9	2576.3	2291.3	2050.6	1817.4	1664.9	1563.4	1441.1	1203.5	878.2	619.3
-27.5°	2477.2	2281.1	2148.0	1928.4	1717.9	1559.1	1452.0	1316.9	1014.9	734.9	592.9
-30°	2196.3	2094.3	1969.0	1784.0	1606.4	1471.6	1359.1	1114.5	848.0	623.8	578.9
-32.5°	2016.7	1926.4	1794.5	1628.0	1492.6	1399.1	1184.5	922.3	680.9	608.0	559.2
-35°	1901.3	1772.9	1626.3	1511.1	1423.5	1230.2	993.5	743.4	633.3	588.0	536.2
-37.5°	1752.0	1615.9	1517.7	1412.3	1234.6	1023.5	777.4	665.3	615.5	561.7	506.1
-40°	1611.6	1505.5	1351.6	1193.0	989.2	766.2	695.1	651.8	591.9	529.8	471.3
-42.5°	1398.6	1258.2	1093.4	900.9	746.4	717.6	681.0	622.0	559.5	493.9	434.9
-45°	1087.7	930.9	785.2	755.5	727.0	686.5	643.1	579.8	514.4	453.8	396.9
-47.5°	805.2	775.8	750.4	718.2	676.8	633.5	581.6	524.6	465.9	410.7	365.8
-50°	747.4	719.1	688.4	653.4	608.8	561.9	514.9	467.6	417.6	374.4	331.5
-52.5°	676.7	644.1	609.0	571.8	532.7	490.9	448.9	414.4	375.7	334.2	293.2
-55°	584.2	555.9	524.9	491.9	458.7	428.2	397.0	364.2	328.8	290.3	253.6
-57.5°	495.8	471.7	448.4	424.2	399.4	370.3	339.7	309.1	278.8	244.8	213.2
-60°	421.2	401.5	379.5	356.3	331.8	305.9	279.8	253.1	226.0	203.6	180.5
-62.5°	344.1	323.8	305.9	287.2	265.9	242.6	222.0	204.6	186.8	167.4	144.9
-65°	277.6	259.8	242.4	226.3	209.8	193.1	178.2	162.0	144.8	127.0	107.2
-67.5°	220.8	203.9	189.2	175.5	160.7	144.5	129.9	115.4	102.7	89.9	74.2
-70°	167.4	152.0	137.9	124.5	110.7	97.9	87.5	77.5	66.6	56.7	46.3
-72.5°	109.2	96.2	84.6	75.2	66.2	59.3	52.5	45.4	37.9	30.0	24.2
-75°	56.8	50.3	44.1	39.3	34.1	28.5	25.7	24.4	22.9	21.2	19.3
-77.5°	31.8	28.6	25.9	24.7	23.4	22.1	20.8	19.4	18.1	16.8	15.6
-80°	23.9	21.6	19.6	18.6	17.7	16.8	16.0	15.0	14.1	13.2	12.5
-82.5°	15.7	14.2	12.7	12.4	12.0	11.6	11.1	10.7	10.4	10.2	10.0
-85°	11.0	9.4	7.9	7.9	7.8	7.6	7.5	7.6	7.6	7.6	7.5
-87.5°	8.6	7.4	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.6
-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	3.8	4.0	4.1	4.3	4.4	4.5	4.6	4.8	4.8	4.8	4.8
85°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.5	4.6	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.8	4.8	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	4.8	4.8	4.8	4.9	5.1	5.1	5.0	4.8	4.8	4.8	4.8
70°	6.6	5.1	4.8	4.9	5.2	5.5	5.5	5.2	4.8	4.8	4.8
67.5°	9.7	7.4	5.8	4.9	4.9	5.3	5.8	5.7	5.2	4.8	4.8
65°	17.0	11.3	7.1	5.9	5.1	4.9	5.4	5.9	5.7	5.2	4.8
62.5°	21.9	16.7	11.4	7.5	5.6	5.0	4.9	5.6	6.0	5.6	5.0
60°	24.1	19.2	15.3	11.3	7.4	5.1	4.9	5.3	5.8	5.9	5.4
57.5°	22.0	20.5	17.5	14.2	10.4	6.5	5.0	5.2	5.6	5.9	5.7
55°	18.6	18.0	18.4	16.0	12.7	8.9	5.8	5.3	5.6	5.9	6.0
52.5°	13.8	15.8	17.5	17.0	14.1	11.0	7.6	5.4	5.6	5.9	6.0
50°	10.2	13.1	16.4	17.2	15.2	12.2	9.2	6.5	5.7	5.9	6.1
47.5°	9.4	11.9	14.6	17.3	16.3	13.3	10.3	7.5	5.8	6.0	6.2
45°	9.7	11.8	13.8	16.2	17.3	14.2	11.3	8.2	6.4	6.1	6.3
42.5°	10.7	12.6	14.1	15.4	16.6	14.8	12.2	9.0	6.8	6.3	6.4
40°	13.9	14.2	14.9	16.3	16.0	15.2	12.6	9.8	7.0	6.5	6.6
37.5°	18.1	17.4	16.9	18.7	16.7	15.2	12.8	10.5	7.8	7.0	6.8
35°	24.2	22.1	21.0	22.5	20.2	15.6	12.8	10.9	9.0	7.6	7.0
32.5°	31.2	29.8	28.5	26.9	24.9	16.5	13.1	12.0	10.3	8.1	7.2
30°	41.9	43.5	37.6	31.9	30.4	20.9	14.8	13.3	11.6	8.7	7.5
27.5°	65.4	61.6	49.2	40.0	35.1	27.0	18.4	14.9	13.0	9.5	8.0
25°	95.9	85.5	66.9	49.8	40.3	43.7	22.8	16.7	14.3	10.6	8.5
22.5°	132.6	114.9	87.6	60.6	63.5	65.5	32.0	20.2	15.7	11.7	8.9
20°	174.1	148.7	118.2	100.8	92.8	86.4	48.1	23.9	17.3	12.8	9.4
17.5°	226.2	211.7	192.0	153.3	126.2	109.3	66.9	28.0	18.9	13.9	9.9
15°	370.4	308.7	273.8	212.1	161.8	134.1	87.9	32.3	20.6	14.9	10.4
12.5°	544.3	407.7	361.4	275.6	199.2	160.1	110.2	36.7	22.3	16.1	11.0
10°	730.5	507.8	453.1	342.2	237.7	187.0	133.2	42.0	25.1	17.3	11.7
7.5°	922.8	608.3	546.8	410.2	275.9	213.8	158.5	49.5	28.2	18.5	12.4
5°	1096.2	693.1	621.9	468.1	310.1	239.5	183.2	57.0	31.4	19.6	13.1
2.5°	1179.7	752.5	681.5	521.3	343.0	264.1	206.0	64.2	34.4	20.7	13.8
0°	1245.8	809.3	735.9	570.0	374.0	287.4	226.1	70.9	37.3	21.6	14.4
-2.5°	1252.2	807.9	728.6	569.3	385.0	296.7	230.3	81.2	45.9	27.4	17.2
-5°	1239.2	803.2	716.5	563.6	393.5	304.1	231.4	90.7	54.0	33.0	19.8
-7.5°	1166.1	776.5	693.0	552.4	399.4	309.4	229.8	99.4	61.6	38.2	22.3
-10°	1066.2	736.0	655.4	527.3	392.9	308.6	225.6	107.2	68.5	42.9	24.4
-12.5°	949.7	694.7	617.4	500.4	382.5	302.9	218.4	114.3	74.7	46.9	26.2
-15°	817.5	653.1	580.2	472.5	370.3	296.0	210.4	120.5	80.4	50.6	27.6
-17.5°	674.7	611.8	545.1	444.7	356.3	288.3	201.9	125.4	85.3	54.0	29.1
-20°	631.4	579.8	512.1	417.6	340.9	279.8	193.7	129.0	89.3	56.6	30.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	606.7	554.4	482.9	396.6	326.2	270.8	186.0	131.3	92.3	58.3	31.4
-25°	582.6	528.7	455.0	378.2	314.3	257.8	183.1	132.2	94.5	58.9	31.4
-27.5°	555.1	501.3	427.2	358.4	302.8	246.9	183.2	134.0	95.4	58.5	30.7
-30°	526.6	469.8	402.8	339.2	290.2	233.8	181.6	134.7	94.8	57.5	29.2
-32.5°	503.3	439.4	378.2	324.2	275.0	220.0	174.7	134.1	92.6	55.7	28.1
-35°	475.1	412.3	353.3	308.0	258.4	208.6	165.5	132.2	89.0	52.7	26.7
-37.5°	444.9	385.3	334.7	290.2	241.4	195.7	157.0	123.3	83.8	48.5	24.5
-40°	413.4	359.6	315.4	271.1	225.1	181.3	147.4	112.4	77.8	43.1	21.7
-42.5°	380.6	336.4	293.2	251.1	207.7	169.3	136.3	100.4	68.3	38.3	18.2
-45°	353.0	310.5	268.5	228.6	189.5	156.1	121.7	87.4	57.7	33.4	15.5
-47.5°	322.7	281.4	242.2	204.6	173.3	140.9	105.9	74.7	46.5	27.5	14.7
-50°	288.8	250.7	214.6	183.1	154.8	121.9	89.3	61.1	38.3	20.4	13.8
-52.5°	254.5	219.2	188.9	161.8	132.5	101.6	73.2	47.2	29.8	17.1	12.8
-55°	218.8	190.4	164.7	137.2	108.6	81.9	56.1	37.2	21.0	15.5	11.7
-57.5°	188.0	163.1	137.0	110.5	85.5	61.8	42.3	26.9	17.5	13.9	10.9
-60°	157.0	132.0	107.4	84.7	62.7	44.5	30.4	19.0	15.6	12.4	10.1
-62.5°	122.2	100.1	79.3	59.2	43.8	31.0	19.9	16.8	13.7	11.4	9.2
-65°	89.2	70.4	51.7	40.2	28.7	20.0	17.4	14.6	12.3	10.3	8.4
-67.5°	57.7	45.6	34.0	23.6	19.5	17.2	14.9	13.0	11.2	9.3	7.8
-70°	35.6	25.5	20.7	18.6	16.5	14.6	13.2	11.6	9.9	8.6	7.2
-72.5°	21.8	19.4	17.2	15.4	14.1	12.9	11.7	10.4	9.1	7.9	6.6
-75°	17.4	15.9	14.6	13.4	12.3	11.2	10.3	9.4	8.3	7.1	6.4
-77.5°	14.4	13.3	12.3	11.4	10.6	9.8	9.2	8.5	7.5	6.8	6.2
-80°	11.7	11.0	10.2	9.4	8.9	8.4	8.0	7.6	6.9	6.4	6.1
-82.5°	9.4	8.7	8.2	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.9
-85°	7.2	6.9	6.6	6.4	6.2	6.0	5.9	5.8	5.7	5.6	5.5
-87.5°	5.6	5.6	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2
-90°	3.6	3.6	3.6	3.6	3.9	4.2	4.5	4.8	4.8	4.8	4.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
82.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
80°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
77.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
75°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
70°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
67.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8
65°	4.9	4.8	4.8	4.8	4.8	4.8	4.8
62.5°	4.9	4.9	4.8	4.8	4.8	4.8	4.8
60°	5.0	5.0	4.8	4.8	4.8	4.8	4.8
57.5°	5.3	5.2	4.9	4.8	4.8	4.8	4.8
55°	5.5	5.3	5.0	4.8	4.8	4.8	4.8
52.5°	5.7	5.4	5.2	4.8	4.9	4.8	4.8
50°	5.9	5.6	5.3	4.8	4.9	4.8	4.8
47.5°	6.0	5.7	5.4	4.8	4.9	4.8	4.8
45°	6.1	5.8	5.6	4.9	4.9	4.8	4.8
42.5°	6.2	5.9	5.7	5.0	5.0	4.8	4.8
40°	6.4	5.9	5.8	5.2	5.0	4.8	4.8
37.5°	6.5	6.0	5.9	5.3	5.1	4.8	4.8
35°	6.7	6.1	5.9	5.4	5.1	4.8	4.8
32.5°	6.9	6.2	6.0	5.5	5.2	4.8	4.8
30°	7.0	6.3	6.0	5.6	5.2	4.8	4.8
27.5°	7.2	6.5	6.0	5.7	5.3	4.8	4.8
25°	7.5	6.6	6.0	5.8	5.4	4.8	4.8
22.5°	7.7	6.7	6.0	5.8	5.4	4.8	4.8
20°	7.9	6.8	6.0	5.9	5.5	4.8	4.8
17.5°	8.1	6.9	6.0	5.9	5.6	4.8	4.8
15°	8.1	7.0	6.0	6.0	5.6	4.8	4.8
12.5°	8.2	7.1	6.0	6.0	5.7	4.8	4.8
10°	8.3	7.1	6.0	6.0	5.8	4.8	4.8
7.5°	8.3	7.1	6.0	6.0	5.8	4.8	4.8
5°	8.4	7.2	6.0	6.0	5.9	4.8	4.8
2.5°	8.4	7.2	6.0	6.0	5.9	4.8	4.8
0°	8.4	7.2	6.0	6.0	6.0	4.8	4.8
-2.5°	9.5	7.5	6.1	6.0	6.0	4.8	4.8
-5°	10.6	7.7	6.2	6.0	6.0	4.8	4.8
-7.5°	11.6	7.9	6.3	6.0	6.0	4.8	4.8
-10°	12.5	8.1	6.4	6.0	6.0	4.8	4.8
-12.5°	13.2	8.3	6.5	6.0	5.9	4.8	4.8
-15°	13.8	8.4	6.5	6.0	5.9	4.8	4.8
-17.5°	14.2	8.5	6.6	6.0	5.9	4.8	4.8
-20°	14.6	8.6	6.6	6.0	5.9	4.8	4.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.1	8.6	6.6	6.0	5.8	4.8	4.8
-25°	15.2	8.7	6.6	6.0	5.8	4.8	4.8
-27.5°	14.8	8.8	6.6	6.0	5.7	4.8	4.8
-30°	14.1	8.8	6.6	6.0	5.7	4.8	4.8
-32.5°	12.9	8.7	6.6	6.0	5.6	4.8	4.8
-35°	12.4	8.6	6.6	6.0	5.6	4.8	4.8
-37.5°	12.2	8.4	6.5	6.0	5.5	4.8	4.8
-40°	11.9	8.3	6.4	6.0	5.4	4.8	4.8
-42.5°	11.4	8.2	6.4	6.0	5.4	4.8	4.8
-45°	10.9	8.1	6.4	6.0	5.3	4.8	4.8
-47.5°	10.3	7.8	6.4	6.0	5.2	4.8	4.8
-50°	9.9	7.6	6.4	5.9	5.1	4.8	4.8
-52.5°	9.5	7.3	6.3	5.8	5.1	4.8	4.8
-55°	9.0	7.1	6.2	5.7	5.0	4.8	4.8
-57.5°	8.5	6.9	6.1	5.6	4.9	4.8	4.8
-60°	7.9	6.7	6.0	5.5	4.8	4.8	4.8
-62.5°	7.5	6.4	5.9	5.4	4.8	4.8	4.8
-65°	7.1	6.2	5.8	5.3	4.8	4.8	4.8
-67.5°	6.6	6.0	5.7	5.2	4.8	4.8	4.8
-70°	6.1	5.9	5.6	5.1	4.8	4.8	4.8
-72.5°	6.0	5.8	5.5	5.0	4.8	4.8	4.8
-75°	6.0	5.7	5.4	5.0	4.8	4.8	4.8
-77.5°	6.0	5.7	5.3	5.0	4.8	4.8	4.8
-80°	6.0	5.6	5.2	4.9	4.8	4.8	4.8
-82.5°	5.7	5.4	5.1	4.9	4.8	4.8	4.8
-85°	5.4	5.2	5.0	4.9	4.8	4.8	4.8
-87.5°	5.1	5.0	4.9	4.8	4.8	4.8	4.8
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8

(END OF REPORT)