

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: P1306013 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306013 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
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-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

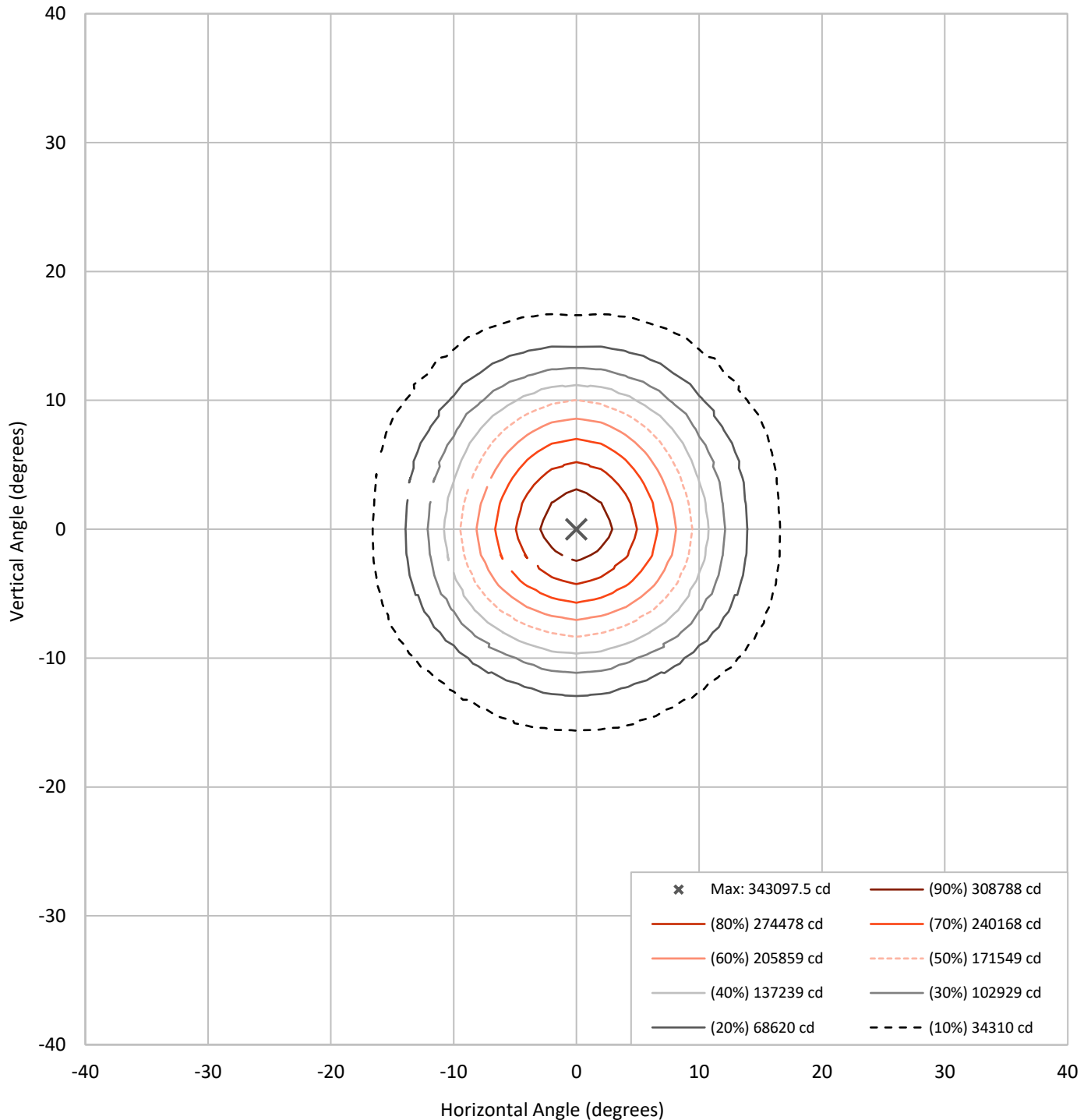
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	41326.6 lumens	Max Intensity:	343097.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	19281.8 lumens	Field Lumens:	35021 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%

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





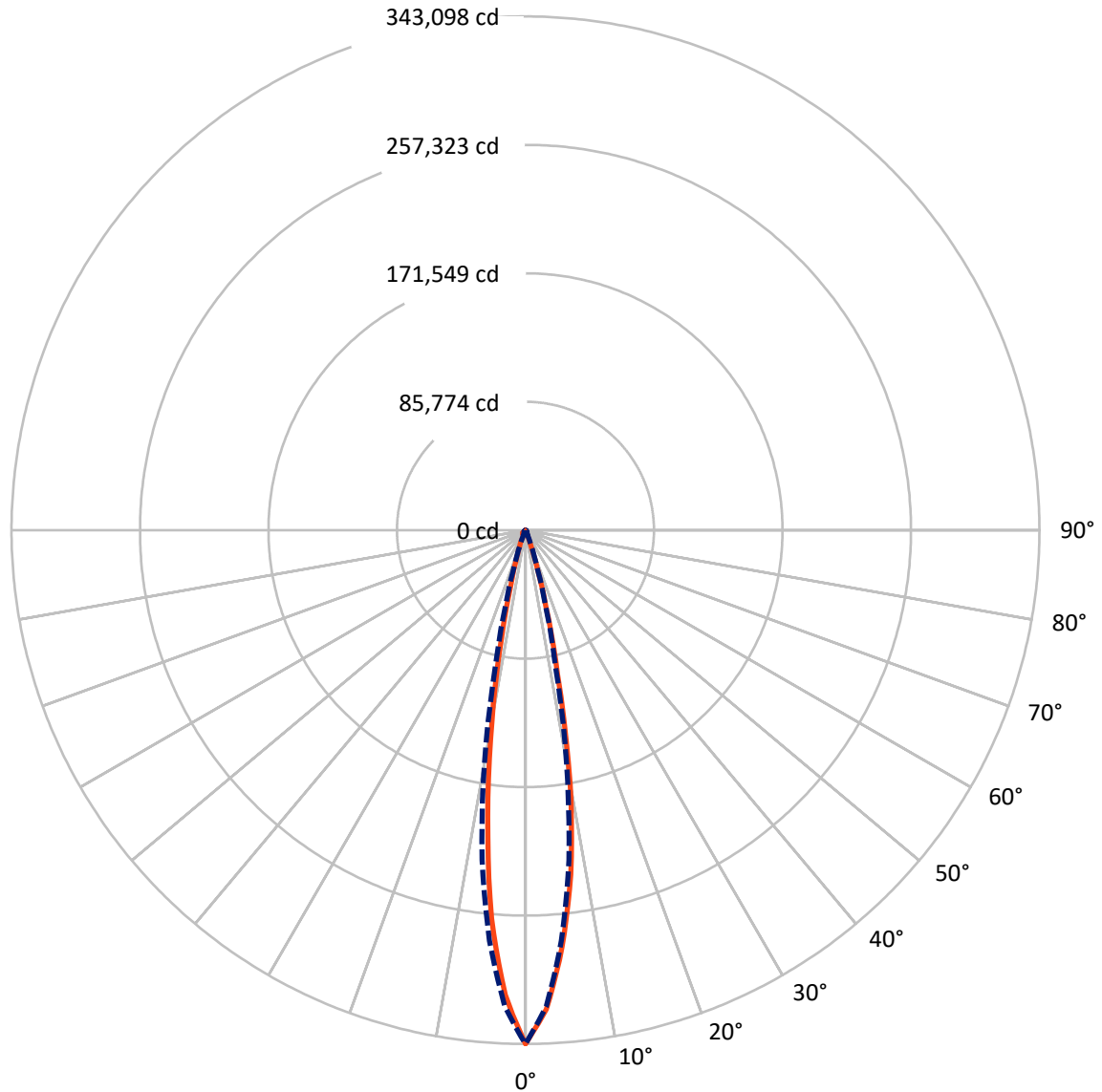
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Lumen Table

90	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1								
80	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.0		
70	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.0	0.1	
60		0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1		
50	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.5	0.5	0.7	0.5	0.3	0.2	0.2	0.1	0.1	
40		0.2	0.5	1.1	2.3	3.3	4.7	5.8	5.8	4.7	3.3	2.3	1.1	0.5	0.2		
30	0.1	0.3	2.3	7.1	16.9	22.9	36.7	65.5	65.5	36.7	22.9	16.9	7.1	2.3	0.3	0.1	
20		0.7	4.8	20.6	41.5	55.0	402.0	1619.8	1619.8	402.0	55.0	41.5	20.6	4.8	0.7		
10	0.2	1.1	6.2	27.8	46.2	101.0	1505.8	6503.1	6503.1	1505.8	101.0	46.2	27.8	6.2	1.1	0.2	
0		1.4	6.5	27.3	46.1	98.0	1440.6	6024.2	6024.2	1440.6	98.0	46.1	27.3	6.5	1.4		
-10	0.3	1.6	6.3	21.9	42.5	53.7	320.8	1202.8	1202.8	320.8	53.7	42.5	21.9	6.3	1.6	0.3	
-20		1.7	6.1	15.2	42.1	52.8	59.8	103.2	103.2	59.8	52.8	42.1	15.2	6.1	1.7		
-30	0.3	1.5	5.5	10.7	29.9	62.0	72.5	74.7	74.7	72.5	62.0	29.9	10.7	5.5	1.5	0.3	
-40		1.0	4.2	9.4	15.8	28.5	51.7	70.1	70.1	51.7	28.5	15.8	9.4	4.2	1.0		
-50	0.2	0.5	2.4	6.3	12.1	17.6	22.2	24.9	24.9	22.2	17.6	12.1	6.3	2.4	0.5	0.2	
-60		0.2	0.8	2.5	5.2	8.5	11.8	13.7	13.7	11.8	8.5	5.2	2.5	0.8	0.2		
-70	0.1	0.5	2.4	6.3	12.1	17.6	22.2	24.9	24.9	22.2	17.6	12.1	6.3	2.4	0.5	0.1	
-80		0.2	0.8	2.5	5.2	8.5	11.8	13.7	13.7	11.8	8.5	5.2	2.5	0.8	0.2		
-90	0.1	0.7	1.9	4.3	5.8	4.3	1.9	0.7	0.1								

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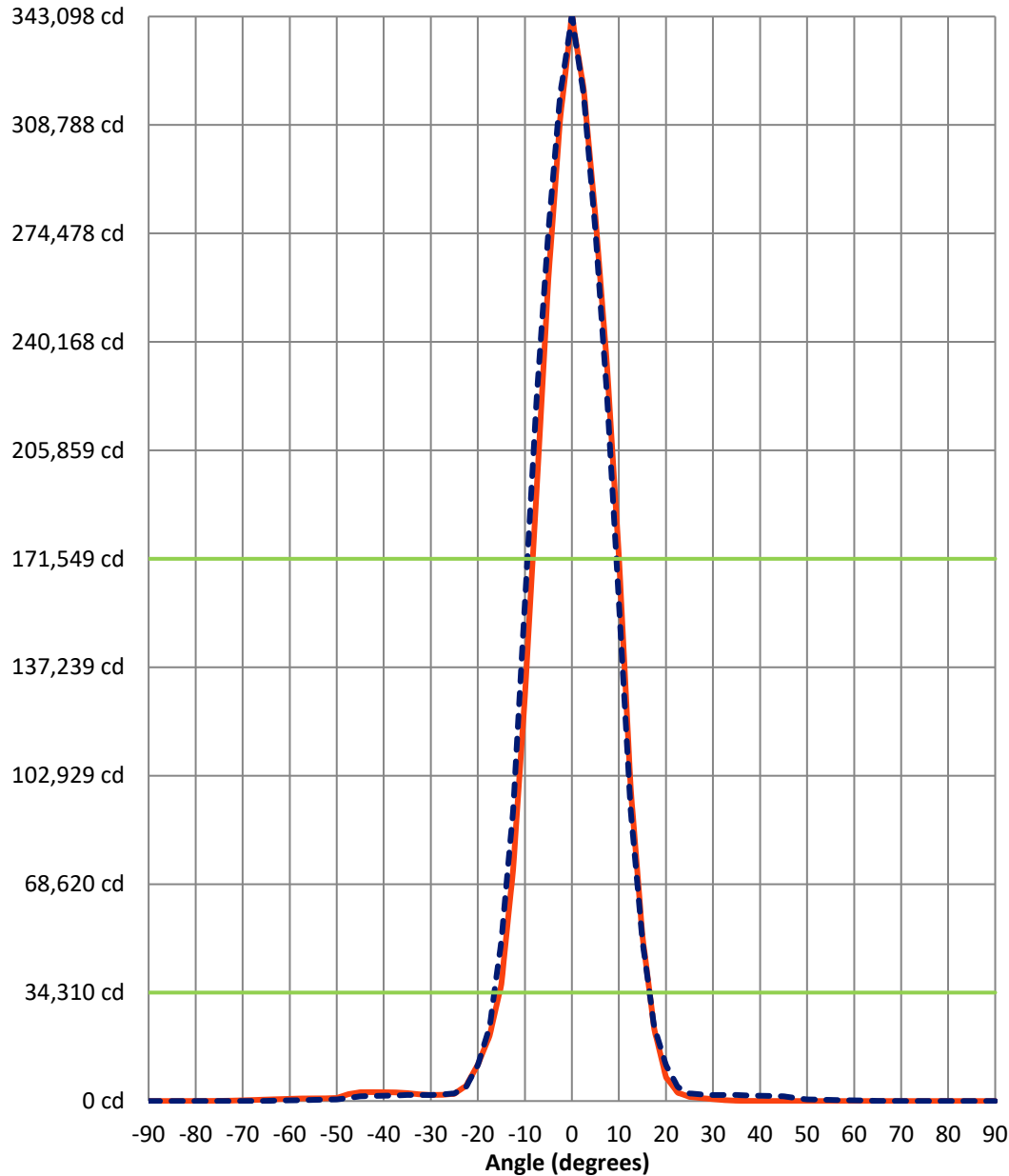
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 19281.8
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 35021
 Efficiency: 84.7%

Spill:
 Lumens: 6305.6
 Efficiency: 15.3%

— 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°	2.5	2.5	2.5	2.9	3.3	3.7	4.1	4.5	5.0	5.4	5.8
87.5°	2.5	2.5	2.5	2.3	2.2	2.0	1.9	1.9	1.8	1.8	1.7
85°	2.5	2.5	2.5	2.4	2.2	2.2	2.1	2.1	2.0	1.9	1.7
82.5°	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.1	2.0	1.9
80°	2.5	2.6	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.3	2.3
77.5°	2.5	2.6	2.5	2.4	2.4	2.6	2.7	2.7	2.7	2.7	2.5
75°	2.5	2.6	2.5	2.5	2.5	2.7	2.9	3.0	3.0	2.8	2.6
72.5°	2.5	2.6	2.5	2.5	2.7	2.9	3.1	3.2	3.0	2.8	2.6
70°	2.5	2.6	2.5	2.5	2.8	3.1	3.3	3.2	3.0	2.8	2.9
67.5°	2.5	2.7	2.5	2.6	2.9	3.2	3.3	3.2	3.0	3.1	3.2
65°	2.5	2.7	2.6	2.7	3.0	3.3	3.4	3.2	3.3	3.4	3.5
62.5°	2.5	2.7	2.6	2.8	3.2	3.4	3.4	3.4	3.6	3.7	3.6
60°	2.5	2.7	2.6	2.9	3.3	3.5	3.5	3.6	3.9	3.9	3.8
57.5°	2.5	2.7	2.7	3.0	3.4	3.5	3.6	3.9	4.1	4.1	4.1
55°	2.5	2.8	2.8	3.1	3.5	3.6	3.9	4.1	4.4	4.4	4.5
52.5°	2.5	2.8	2.8	3.2	3.5	3.7	4.1	4.4	4.7	4.8	4.9
50°	2.5	2.8	2.9	3.2	3.6	3.9	4.3	4.7	5.0	5.1	5.6
47.5°	2.5	2.8	3.0	3.3	3.7	4.1	4.5	5.0	5.3	5.5	6.4
45°	2.5	2.9	3.1	3.4	3.8	4.2	4.7	5.3	5.6	6.1	7.1
42.5°	2.5	2.9	3.1	3.5	3.9	4.4	5.0	5.6	5.9	6.6	8.4
40°	2.5	2.9	3.2	3.6	4.0	4.6	5.3	5.8	6.2	7.1	9.7
37.5°	2.5	2.9	3.3	3.7	4.2	4.7	5.6	6.1	6.7	7.9	10.9
35°	2.5	3.0	3.4	3.8	4.3	4.9	5.9	6.3	7.3	9.1	11.9
32.5°	2.5	3.0	3.4	3.9	4.4	5.1	6.1	6.6	7.8	10.2	12.9
30°	2.5	3.0	3.5	4.0	4.5	5.4	6.3	6.8	8.4	11.3	14.1
27.5°	2.5	3.0	3.5	4.1	4.6	5.6	6.5	7.3	9.0	12.4	15.5
25°	2.5	3.1	3.6	4.2	4.8	5.8	6.7	7.7	9.9	13.5	17.0
22.5°	2.5	3.1	3.7	4.3	4.9	6.0	6.9	8.2	10.7	14.6	19.4
20°	2.5	3.1	3.7	4.4	5.0	6.1	7.1	8.6	11.5	15.9	21.9
17.5°	2.5	3.1	3.8	4.5	5.2	6.3	7.2	9.0	12.2	17.2	24.7
15°	2.5	3.2	3.8	4.6	5.3	6.4	7.4	9.3	12.8	18.5	27.5
12.5°	2.5	3.2	3.9	4.6	5.4	6.5	7.5	9.7	13.4	19.8	30.3
10°	2.5	3.2	3.9	4.7	5.5	6.5	7.7	10.0	14.0	21.0	33.2
7.5°	2.5	3.2	4.0	4.8	5.6	6.6	7.9	10.2	14.5	22.1	35.9
5°	2.5	3.3	4.0	4.9	5.6	6.6	8.0	10.4	15.0	23.1	38.5
2.5°	2.5	3.3	4.1	4.9	5.7	6.6	8.2	10.6	15.4	24.0	40.9
0°	2.5	3.3	4.1	5.0	5.8	6.6	8.3	10.8	15.7	24.8	43.0
-2.5°	2.5	3.3	4.1	5.1	5.9	7.0	9.1	12.9	20.2	32.7	55.3
-5°	2.5	3.3	4.2	5.1	6.1	7.3	9.8	14.8	24.4	40.3	67.0
-7.5°	2.5	3.3	4.2	5.1	6.2	7.6	10.5	16.7	28.4	47.4	77.9
-10°	2.5	3.4	4.2	5.2	6.3	7.9	11.1	18.3	32.0	53.8	87.6
-12.5°	2.5	3.4	4.3	5.2	6.4	8.2	11.7	19.7	35.0	59.4	95.8
-15°	2.5	3.4	4.3	5.2	6.5	8.4	12.1	20.8	37.9	64.5	102.5
-17.5°	2.5	3.4	4.3	5.2	6.5	8.6	12.5	22.1	40.8	68.6	107.7
-20°	2.5	3.4	4.3	5.3	6.6	8.8	12.9	23.3	42.9	71.7	111.3



REPORT NUMBER: P1306013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.5	3.4	4.3	5.3	6.6	8.9	13.3	24.1	44.2	73.7	113.1
-25°	2.5	3.4	4.3	5.3	6.6	8.9	13.6	24.2	44.6	74.5	113.0
-27.5°	2.5	3.4	4.3	5.3	6.6	9.0	13.5	23.7	44.1	74.4	113.5
-30°	2.5	3.4	4.3	5.3	6.6	9.0	13.2	22.6	43.3	73.7	112.6
-32.5°	2.5	3.4	4.3	5.3	6.6	8.9	12.6	22.0	42.0	71.7	110.1
-35°	2.5	3.3	4.3	5.2	6.5	8.8	12.3	21.3	39.7	68.3	105.8
-37.5°	2.5	3.3	4.3	5.2	6.5	8.7	12.2	20.2	36.5	63.5	99.1
-40°	2.5	3.3	4.3	5.2	6.4	8.6	11.9	18.7	32.3	58.6	91.2
-42.5°	2.5	3.3	4.3	5.2	6.3	8.4	11.6	16.8	29.2	52.2	81.9
-45°	2.5	3.3	4.2	5.2	6.3	8.3	11.1	15.2	26.4	44.8	71.6
-47.5°	2.5	3.2	4.2	5.2	6.3	8.1	10.6	14.6	23.1	36.6	62.1
-50°	2.5	3.2	4.2	5.1	6.2	7.8	10.2	13.8	19.1	32.0	51.6
-52.5°	2.5	3.2	4.1	5.0	6.2	7.5	9.9	13.0	17.1	26.8	40.6
-55°	2.5	3.1	4.1	5.0	6.1	7.4	9.4	12.1	16.0	21.3	34.1
-57.5°	2.5	3.1	4.0	4.9	6.0	7.2	8.9	11.4	14.7	18.8	27.0
-60°	2.5	3.1	4.0	4.8	5.9	7.1	8.4	10.8	13.4	17.1	21.3
-62.5°	2.5	3.0	3.9	4.7	5.7	6.9	8.2	10.0	12.6	15.4	19.2
-65°	2.5	3.0	3.8	4.6	5.5	6.7	7.9	9.4	11.8	14.3	17.1
-67.5°	2.5	2.9	3.7	4.4	5.3	6.4	7.6	9.0	10.9	13.3	15.6
-70°	2.5	2.9	3.6	4.3	5.1	6.0	7.2	8.6	10.3	12.3	14.5
-72.5°	2.5	2.9	3.4	4.1	4.8	5.7	6.7	8.1	9.7	11.4	13.3
-75°	2.5	2.8	3.3	4.0	4.6	5.3	6.2	7.5	9.0	10.5	12.2
-77.5°	2.5	2.8	3.2	3.8	4.4	4.9	5.6	6.9	8.2	9.5	10.9
-80°	2.5	2.7	3.1	3.6	4.1	4.6	5.1	6.2	7.4	8.7	9.9
-82.5°	2.5	2.7	2.9	3.4	3.9	4.4	4.8	5.7	6.7	7.8	8.9
-85°	2.5	2.6	2.8	3.3	3.7	4.2	4.6	5.3	6.1	7.0	7.9
-87.5°	2.5	2.6	2.6	3.1	3.5	3.9	4.3	4.9	5.5	6.2	6.9
-90°	2.5	2.5	2.5	2.3	2.1	1.9	1.7	1.7	1.7	1.7	1.7



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 CATALOG NUMBER: EPH-08-320N-40-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.8	5.8	5.8	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
87.5°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8	0.8	0.8	0.8
85°	1.7	1.7	1.7	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9
82.5°	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.3
80°	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.8
77.5°	2.4	2.3	2.3	2.4	2.4	2.2	2.2	2.1	2.2	2.4	2.5
75°	2.5	2.5	2.6	2.5	2.5	2.4	2.5	2.7	2.8	2.8	2.7
72.5°	2.6	2.7	2.7	2.6	2.7	2.9	3.1	3.2	3.6	4.1	4.5
70°	3.0	3.0	2.9	3.0	3.1	3.5	4.2	5.1	6.0	7.1	8.6
67.5°	3.2	3.2	3.2	3.4	4.0	4.8	5.8	9.1	12.9	14.6	15.1
65°	3.3	3.3	3.6	4.2	4.9	7.5	11.2	15.7	19.9	20.4	19.7
62.5°	3.3	3.6	4.2	5.4	7.9	11.4	15.3	19.6	24.4	24.6	21.6
60°	3.7	4.0	5.3	7.7	10.6	13.8	18.1	21.5	25.5	27.4	20.9
57.5°	4.1	4.8	6.9	9.7	12.7	15.0	17.3	20.9	23.0	23.4	17.2
55°	4.8	5.9	8.5	11.7	13.9	13.3	15.2	17.2	18.0	16.8	12.0
52.5°	5.7	7.1	10.4	13.2	13.6	12.5	12.5	13.5	12.5	10.8	9.4
50°	6.7	9.1	12.2	14.0	13.6	11.9	10.1	9.9	9.5	9.0	8.1
47.5°	8.2	11.1	13.7	14.7	13.1	11.4	9.2	8.9	8.8	8.5	7.7
45°	9.9	12.6	15.3	14.3	12.8	11.1	10.2	9.1	9.1	9.2	9.7
42.5°	11.4	13.9	15.2	14.0	12.9	12.4	12.2	10.9	10.8	13.1	13.9
40°	12.5	15.0	15.2	15.0	13.9	15.0	15.3	15.5	16.1	18.6	19.7
37.5°	13.3	15.4	16.3	17.9	16.8	18.6	19.4	28.5	29.6	25.0	34.3
35°	14.1	16.1	20.3	24.8	26.2	23.3	35.1	47.5	51.9	49.1	59.6
32.5°	14.8	17.2	25.6	36.4	46.2	43.8	55.2	76.8	90.5	97.5	105.9
30°	16.3	22.2	34.0	51.2	76.6	91.9	92.8	115.6	140.8	185.6	226.1
27.5°	18.9	28.8	48.2	79.4	118.6	150.4	156.3	171.0	228.8	313.6	420.4
25°	21.8	44.8	64.6	117.6	175.3	211.2	221.6	246.6	346.8	541.4	646.8
22.5°	29.9	66.0	92.2	162.2	239.0	269.9	291.7	382.7	563.7	820.8	899.9
20°	45.3	90.7	126.6	200.5	303.3	328.0	360.8	556.0	846.1	1060.1	1167.7
17.5°	63.3	115.6	161.0	238.2	328.8	374.5	443.8	754.3	1137.7	1291.4	1403.4
15°	83.5	140.5	190.8	271.5	351.2	405.4	573.8	984.9	1384.4	1511.6	1621.1
12.5°	105.2	165.2	216.5	300.4	373.4	434.1	692.1	1147.0	1503.0	1682.9	1823.9
10°	127.4	189.5	238.5	325.1	395.0	460.5	802.9	1286.0	1562.9	1711.9	1867.6
7.5°	141.2	204.9	255.3	345.9	415.6	484.5	903.3	1401.6	1604.2	1720.9	1836.3
5°	151.6	210.3	259.7	355.3	431.0	502.2	978.9	1493.5	1630.4	1714.0	1781.7
2.5°	159.5	213.9	262.5	360.4	442.5	511.1	986.1	1508.0	1622.4	1700.9	1747.6
0°	164.7	216.0	264.0	362.5	451.8	517.2	971.5	1500.3	1604.6	1685.7	1740.3
-2.5°	170.5	222.3	275.9	368.9	452.6	517.4	957.7	1485.4	1622.3	1731.2	1821.9
-5°	174.0	227.3	286.0	372.8	451.1	515.3	926.5	1447.3	1620.0	1734.8	1845.9
-7.5°	175.6	231.2	293.9	373.9	444.7	505.4	873.5	1356.4	1551.9	1659.2	1796.8
-10°	176.2	236.2	297.6	368.1	432.1	490.0	803.0	1251.3	1481.5	1579.6	1724.3
-12.5°	177.9	242.1	299.9	362.3	419.3	472.9	716.7	1136.1	1410.5	1496.9	1644.2
-15°	177.9	246.9	301.6	357.3	406.9	454.3	615.4	1014.4	1371.8	1512.0	1633.1
-17.5°	176.4	250.6	302.8	353.7	395.5	434.4	503.4	905.7	1347.3	1544.7	1664.1
-20°	173.6	253.1	303.9	352.3	386.0	425.2	479.9	784.5	1223.0	1559.5	1705.3



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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°	169.5	254.6	304.9	351.2	389.0	426.2	472.2	647.2	1050.3	1557.6	1706.6
-25°	167.6	247.4	304.7	351.0	393.7	428.0	463.2	516.5	864.7	1336.0	1661.3
-27.5°	166.8	239.2	299.5	347.5	397.9	431.1	461.5	504.8	687.2	1070.5	1568.7
-30°	163.6	225.7	291.9	340.7	393.7	434.6	464.5	492.0	542.2	841.8	1256.4
-32.5°	156.1	211.6	277.5	330.6	383.6	437.9	465.6	489.3	526.3	615.0	951.6
-35°	147.3	200.4	260.4	317.7	369.6	426.6	463.9	488.7	513.0	555.9	708.6
-37.5°	139.4	187.5	243.0	300.8	352.9	406.4	459.9	486.2	510.6	541.3	599.4
-40°	129.9	173.0	226.5	281.4	333.6	385.1	437.0	482.5	507.1	547.0	585.3
-42.5°	118.9	160.7	208.9	261.5	311.5	362.1	412.8	461.6	512.7	552.7	591.0
-45°	106.9	146.8	190.1	238.0	287.0	336.4	385.7	436.4	498.0	559.0	597.4
-47.5°	93.2	131.2	172.4	212.1	259.2	307.6	355.9	409.1	470.1	533.7	602.3
-50°	78.7	113.9	151.5	187.9	228.0	275.1	322.5	376.0	433.4	495.0	559.6
-52.5°	65.5	94.7	128.6	163.8	198.8	238.0	285.5	336.3	390.0	447.9	504.4
-55°	51.1	76.9	103.8	136.9	171.3	204.5	243.2	290.7	340.3	392.7	443.7
-57.5°	40.3	58.5	81.2	107.6	139.8	173.5	206.7	242.7	286.6	332.8	375.3
-60°	31.5	43.4	59.9	81.5	105.4	136.3	169.2	201.7	235.7	269.5	306.1
-62.5°	23.4	32.5	43.1	57.1	77.1	98.3	125.6	155.9	187.5	215.6	242.2
-65°	20.7	23.4	30.7	40.4	50.3	67.7	87.0	107.4	133.7	158.4	182.5
-67.5°	18.0	20.5	22.9	26.5	35.2	43.9	52.4	69.3	86.9	102.7	119.6
-70°	16.3	17.7	19.8	21.9	23.8	27.5	35.0	42.4	49.5	58.1	71.4
-72.5°	14.8	15.9	17.2	18.7	20.4	22.1	23.9	25.7	30.1	36.0	41.2
-75°	13.3	14.0	15.0	16.1	17.3	18.5	19.8	21.2	22.8	24.4	26.1
-77.5°	11.8	12.4	13.0	13.6	14.4	15.4	16.5	17.4	18.4	19.3	20.2
-80°	10.4	10.8	11.3	11.7	12.3	12.9	13.5	14.1	14.8	15.6	16.3
-82.5°	9.3	9.5	9.8	10.1	10.4	10.6	10.9	11.3	11.7	12.1	12.6
-85°	8.1	8.3	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.8
-87.5°	7.0	7.0	7.1	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1
-90°	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.4	7.6	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.1	9.1
87.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.6	0.4
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.2	1.2	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.8	0.8	0.8
77.5°	2.5	2.4	2.1	1.9	1.7	1.6	1.6	1.5	1.5	1.6	1.6
75°	2.6	2.5	2.6	2.6	2.5	2.4	2.3	2.1	1.8	1.7	1.7
72.5°	4.9	5.1	5.0	4.9	4.5	4.2	4.0	3.8	3.6	3.6	3.5
70°	9.4	9.5	9.1	8.3	7.0	6.2	5.8	5.4	4.9	4.9	5.1
67.5°	14.3	13.1	11.9	10.6	8.8	7.7	7.3	6.8	6.4	6.2	6.1
65°	17.6	13.9	11.8	10.5	9.6	8.7	7.7	6.8	5.9	5.4	5.2
62.5°	17.4	12.2	9.8	8.7	7.9	7.2	6.4	5.5	4.8	4.4	4.3
60°	15.2	10.2	7.6	6.8	6.2	5.8	5.3	4.8	4.4	4.1	4.1
57.5°	11.8	7.9	5.8	5.7	5.5	5.2	4.9	4.6	4.3	4.1	4.3
55°	8.6	6.9	5.8	5.7	5.6	5.3	4.9	4.9	4.8	4.7	5.0
52.5°	7.5	6.8	6.5	6.3	6.0	5.8	5.7	5.7	5.8	6.0	6.1
50°	7.3	7.0	6.9	6.5	6.5	6.5	6.5	6.8	7.0	7.1	7.1
47.5°	7.6	7.5	7.8	7.3	7.5	8.0	8.2	8.3	8.9	9.0	9.0
45°	9.0	10.2	10.5	10.4	10.2	13.3	13.9	12.7	17.5	16.8	13.1
42.5°	13.8	15.3	16.3	19.3	23.7	26.6	34.3	47.1	42.2	31.8	20.5
40°	23.8	23.3	27.8	33.4	36.6	42.6	52.1	64.4	59.4	50.5	53.9
37.5°	41.9	42.4	43.9	51.1	53.7	47.1	61.0	60.0	50.9	65.1	66.8
35°	76.9	85.0	72.2	87.9	91.6	86.0	91.1	100.8	87.2	105.5	111.3
32.5°	138.4	152.4	153.0	156.6	169.7	182.3	185.8	212.0	220.4	242.4	266.1
30°	221.0	247.0	269.1	275.1	292.5	323.6	349.2	399.5	453.4	493.9	547.1
27.5°	398.3	374.7	424.0	484.1	465.0	510.1	602.5	675.1	782.5	859.8	901.6
25°	644.2	605.9	695.8	787.3	787.6	795.2	928.9	1045.5	1133.3	1203.1	1264.3
22.5°	934.4	982.1	1062.7	1169.0	1113.6	1164.2	1296.9	1391.5	1514.7	1635.4	1997.0
20°	1259.7	1356.2	1422.5	1406.7	1404.3	1490.2	1606.9	1789.6	2162.0	3474.9	4728.7
17.5°	1546.3	1663.6	1657.7	1591.0	1622.6	1766.9	1978.7	2687.9	4569.4	8833.5	12824.2
15°	1768.5	1820.8	1786.3	1746.4	1817.2	2033.2	2563.1	4856.6	10566.1	17394.6	25188.8
12.5°	1917.0	1896.5	1806.2	1812.7	1980.9	2284.3	4085.6	9453.2	17708.9	27406.3	47002.5
10°	1974.4	1918.2	1839.2	1912.3	2141.7	2871.9	5495.1	13125.4	25607.0	45768.4	72181.4
7.5°	1935.3	1887.4	1865.2	1994.2	2299.6	3803.5	8541.9	18564.7	36705.4	62705.0	99874.8
5°	1910.1	1878.0	1882.8	2048.0	2399.4	4488.5	10695.2	21986.6	45529.5	79083.6	126371.6
2.5°	1908.6	1889.5	1897.9	2085.4	2455.7	4839.1	11908.2	22556.5	48629.1	87992.6	148052.2
0°	1929.0	1916.6	1909.1	2092.8	2428.8	4496.0	11424.9	23472.0	50755.6	92012.1	157471.2
-2.5°	2024.3	1922.7	1918.4	2092.4	2458.5	4751.2	11707.8	23155.8	49988.2	88297.1	147367.1
-5°	2001.5	1886.5	1868.3	2014.3	2356.1	4278.5	10249.8	21385.0	43909.4	75079.5	121465.1
-7.5°	1911.0	1834.3	1801.7	1917.9	2215.1	3591.1	7948.9	16883.8	33064.6	56592.2	87528.3
-10°	1837.5	1786.8	1738.6	1819.1	2045.0	2744.4	5067.3	11326.8	22490.8	38483.8	56200.4
-12.5°	1798.9	1774.9	1688.0	1710.5	1868.3	2178.6	3545.6	7656.1	14084.9	20897.1	34137.0
-15°	1771.5	1753.3	1671.9	1666.6	1754.7	1938.1	2335.8	3971.2	7876.4	12780.6	18035.9
-17.5°	1746.7	1740.1	1697.0	1650.2	1661.2	1767.5	1986.5	2567.2	4028.0	7145.3	10542.1
-20°	1758.6	1762.5	1729.6	1680.7	1663.3	1677.1	1790.8	1990.9	2360.9	3621.2	5160.0



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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°	1754.9	1766.1	1757.3	1760.8	1739.8	1707.8	1685.3	1772.7	1912.7	2136.7	2705.9
-25°	1754.5	1770.0	1835.7	1919.8	1911.1	1834.7	1754.8	1685.6	1765.7	1862.5	2003.7
-27.5°	1728.6	1829.0	1992.6	2116.7	2152.3	2068.6	1956.8	1840.5	1827.7	1824.6	1878.9
-30°	1720.0	1935.9	2128.9	2305.7	2330.6	2288.4	2236.7	2153.8	2064.8	2015.5	1989.2
-32.5°	1460.4	1983.0	2219.0	2378.1	2417.5	2415.6	2427.2	2387.9	2360.1	2328.3	2283.3
-35°	1108.8	1657.1	2235.0	2308.3	2372.4	2429.5	2506.0	2525.5	2541.0	2558.6	2574.3
-37.5°	774.3	1201.7	1681.8	2100.7	2233.8	2333.1	2468.6	2568.0	2650.7	2691.7	2740.9
-40°	641.4	759.6	1131.5	1485.5	1834.3	2156.0	2301.9	2471.2	2629.6	2717.6	2798.1
-42.5°	628.2	670.3	715.0	961.9	1257.1	1560.7	1859.0	2129.4	2417.6	2609.7	2751.0
-45°	632.4	653.7	679.8	723.1	769.4	1001.1	1251.1	1506.2	1821.1	2128.7	2397.2
-47.5°	631.9	651.3	672.0	692.9	720.5	763.8	808.2	880.4	1103.6	1339.7	1568.2
-50°	610.0	649.4	668.7	688.3	708.4	729.8	752.2	783.9	821.6	857.0	885.7
-52.5°	554.8	601.2	645.8	683.2	701.6	720.4	740.3	766.7	791.5	814.7	826.8
-55°	492.3	538.5	583.7	623.8	661.7	698.3	732.1	756.3	781.0	806.2	816.5
-57.5°	420.5	467.2	512.0	549.4	587.2	625.0	660.1	693.8	727.4	759.2	777.0
-60°	344.1	383.0	423.2	461.5	498.3	533.3	565.9	597.8	628.4	655.1	671.9
-62.5°	269.0	299.6	333.5	366.8	399.1	430.3	460.4	489.2	516.3	539.1	555.0
-65°	205.9	228.8	252.1	276.1	300.7	327.5	352.8	376.8	399.2	417.7	431.6
-67.5°	139.8	159.6	178.5	196.3	214.3	233.3	252.5	270.6	287.4	301.1	311.8
-70°	84.1	96.4	108.4	121.2	135.7	149.5	163.1	175.9	187.9	197.2	204.2
-72.5°	45.9	50.3	56.2	66.0	75.1	83.5	91.3	98.3	104.5	109.7	113.9
-75°	27.9	30.2	33.8	37.3	40.6	43.8	46.9	49.7	52.2	54.4	56.2
-77.5°	21.3	22.6	23.7	24.8	25.8	26.9	28.0	29.0	29.9	30.8	31.5
-80°	17.0	17.7	18.4	19.0	19.6	20.3	21.0	21.7	22.4	22.8	23.2
-82.5°	13.0	13.7	14.3	14.9	15.4	15.8	16.2	16.5	16.9	17.2	17.6
-85°	9.9	10.3	10.8	11.3	11.8	11.9	12.0	12.1	12.2	12.5	12.7
-87.5°	8.1	8.4	8.6	8.8	9.0	9.2	9.5	9.7	9.9	10.1	10.3
-90°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.9
87.5°	0.2	0.0	0.4	0.8	0.4	0.0	0.2	0.4	0.6	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5
75°	1.7	1.7	2.1	2.5	2.1	1.7	1.7	1.7	1.7	1.8	2.1
72.5°	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.5	3.6	3.6	3.8
70°	5.4	5.7	5.8	5.8	5.8	5.7	5.4	5.1	4.9	4.9	5.4
67.5°	6.0	5.8	5.0	4.1	5.0	5.8	6.0	6.1	6.2	6.4	6.8
65°	5.1	5.0	4.6	4.1	4.6	5.0	5.1	5.2	5.4	5.9	6.8
62.5°	4.2	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.4	4.8	5.5
60°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.4	4.8
57.5°	4.6	4.9	5.0	5.0	5.0	4.9	4.6	4.3	4.1	4.3	4.6
55°	5.4	5.7	5.8	5.8	5.8	5.7	5.4	5.0	4.7	4.8	4.9
52.5°	6.0	5.9	6.1	6.6	6.1	5.9	6.0	6.1	6.0	5.8	5.7
50°	7.2	7.3	7.4	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.8
47.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.3
45°	13.6	13.8	14.2	14.9	14.2	13.8	13.6	13.1	16.8	17.5	12.7
42.5°	21.5	21.9	22.1	22.3	22.1	21.9	21.5	20.5	31.8	42.2	47.1
40°	51.1	40.6	30.4	30.6	30.4	40.6	51.1	53.9	50.5	59.4	64.4
37.5°	58.7	53.4	51.2	50.5	51.2	53.4	58.7	66.8	65.1	50.9	60.0
35°	111.1	113.1	110.5	111.7	110.5	113.1	111.1	111.3	105.5	87.2	100.8
32.5°	273.7	284.8	280.9	282.2	280.9	284.8	273.7	266.1	242.4	220.4	212.0
30°	568.6	602.7	610.4	608.2	610.4	602.7	568.6	547.1	493.9	453.4	399.5
27.5°	918.4	945.5	951.0	945.9	951.0	945.5	918.4	901.6	859.8	782.5	675.1
25°	1298.1	1323.9	1338.4	1331.5	1338.4	1323.9	1298.1	1264.3	1203.1	1133.3	1045.5
22.5°	2415.6	2532.8	2590.0	2668.0	2590.0	2532.8	2415.6	1997.0	1635.4	1514.7	1391.5
20°	7124.0	7933.9	7780.5	7613.3	7780.5	7933.9	7124.0	4728.7	3474.9	2162.0	1789.6
17.5°	17782.6	21764.4	23660.4	22888.6	23660.4	21764.4	17782.6	12824.2	8833.5	4569.4	2687.9
15°	36370.6	47495.9	54000.7	52264.2	54000.7	47495.9	36370.6	25188.8	17394.6	10566.1	4856.6
12.5°	65885.7	83567.0	97112.5	99051.4	97112.5	83567.0	65885.7	47002.5	27406.3	17708.9	9453.2
10°	103615.6	136288.9	163215.3	172006.8	163215.3	136288.9	103615.6	72181.4	45768.4	25607.0	13125.4
7.5°	148587.8	192204.6	223258.2	231889.7	223258.2	192204.6	148587.8	99874.8	62705.0	36705.4	18564.7
5°	184656.1	234853.2	269241.4	279803.9	269241.4	234853.2	184656.1	126371.6	79083.6	45529.5	21986.6
2.5°	211672.4	264324.4	302671.0	320192.7	302671.0	264324.4	211672.4	148052.2	87992.6	48629.1	22556.5
0°	222138.0	275196.3	318196.3	343097.5	318196.3	275196.3	222138.0	157471.2	92012.1	50755.6	23472.0
-2.5°	211900.2	261229.5	294342.4	310671.1	294342.4	261229.5	211900.2	147367.1	88297.1	49988.2	23155.8
-5°	176413.8	220063.7	248619.0	260146.8	248619.0	220063.7	176413.8	121465.1	75079.5	43909.4	21385.0
-7.5°	126404.8	162236.1	183520.9	193234.1	183520.9	162236.1	126404.8	87528.3	56592.2	33064.6	16883.8
-10°	82124.0	101957.1	123418.0	128011.2	123418.0	101957.1	82124.0	56200.4	38483.8	22490.8	11326.8
-12.5°	46266.6	58781.6	69447.7	73297.1	69447.7	58781.6	46266.6	34137.0	20897.1	14084.9	7656.1
-15°	25031.8	32162.3	36004.3	36949.1	36004.3	32162.3	25031.8	18035.9	12780.6	7876.4	3971.2
-17.5°	14371.6	17796.9	19756.9	20656.8	19756.9	17796.9	14371.6	10542.1	7145.3	4028.0	2567.2
-20°	7679.8	9612.5	10716.1	11528.3	10716.1	9612.5	7679.8	5160.0	3621.2	2360.9	1990.9



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3527.4	4123.2	4459.8	4840.2	4459.8	4123.2	3527.4	2705.9	2136.7	1912.7	1772.7
-25°	2126.4	2206.6	2254.9	2293.9	2254.9	2206.6	2126.4	2003.7	1862.5	1765.7	1685.6
-27.5°	1925.5	1951.8	1966.9	1982.8	1966.9	1951.8	1925.5	1878.9	1824.6	1827.7	1840.5
-30°	1966.6	1940.0	1930.8	1920.7	1930.8	1940.0	1966.6	1989.2	2015.5	2064.8	2153.8
-32.5°	2238.0	2186.3	2158.6	2132.5	2158.6	2186.3	2238.0	2283.3	2328.3	2360.1	2387.9
-35°	2568.2	2545.0	2532.8	2517.3	2532.8	2545.0	2568.2	2574.3	2558.6	2541.0	2525.5
-37.5°	2749.2	2745.1	2744.4	2736.6	2744.4	2745.1	2749.2	2740.9	2691.7	2650.7	2568.0
-40°	2807.4	2805.8	2801.7	2797.9	2801.7	2805.8	2807.4	2798.1	2717.6	2629.6	2471.2
-42.5°	2788.6	2813.6	2825.6	2826.0	2825.6	2813.6	2788.6	2751.0	2609.7	2417.6	2129.4
-45°	2568.4	2695.6	2769.7	2789.6	2769.7	2695.6	2568.4	2397.2	2128.7	1821.1	1506.2
-47.5°	1771.6	1951.1	2089.4	2176.4	2089.4	1951.1	1771.6	1568.2	1339.7	1103.6	880.4
-50°	910.6	934.0	957.6	980.6	957.6	934.0	910.6	885.7	857.0	821.6	783.9
-52.5°	836.5	846.2	852.3	855.7	852.3	846.2	836.5	826.8	814.7	791.5	766.7
-55°	825.9	834.9	839.4	840.8	839.4	834.9	825.9	816.5	806.2	781.0	756.3
-57.5°	792.3	804.9	812.4	815.9	812.4	804.9	792.3	777.0	759.2	727.4	693.8
-60°	686.0	697.2	704.8	709.2	704.8	697.2	686.0	671.9	655.1	628.4	597.8
-62.5°	568.2	578.6	584.4	586.7	584.4	578.6	568.2	555.0	539.1	516.3	489.2
-65°	443.0	452.0	461.2	468.4	461.2	452.0	443.0	431.6	417.7	399.2	376.8
-67.5°	320.9	328.2	336.2	342.6	336.2	328.2	320.9	311.8	301.1	287.4	270.6
-70°	209.8	213.8	220.3	225.9	220.3	213.8	209.8	204.2	197.2	187.9	175.9
-72.5°	117.3	119.9	124.7	129.1	124.7	119.9	117.3	113.9	109.7	104.5	98.3
-75°	57.7	59.0	59.4	59.6	59.4	59.0	57.7	56.2	54.4	52.2	49.7
-77.5°	32.3	32.9	33.1	33.1	33.1	32.9	32.3	31.5	30.8	29.9	29.0
-80°	23.6	23.9	24.4	24.8	24.4	23.9	23.6	23.2	22.8	22.4	21.7
-82.5°	17.9	18.1	18.2	18.2	18.2	18.1	17.9	17.6	17.2	16.9	16.5
-85°	13.0	13.2	13.2	13.2	13.2	13.2	13.0	12.7	12.5	12.2	12.1
-87.5°	10.6	10.8	10.8	10.8	10.8	10.8	10.6	10.3	10.1	9.9	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	7.0	6.8	6.6
87.5°	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2
82.5°	0.8	0.8	0.8	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.7
80°	1.2	1.3	1.4	1.5	1.7	1.8	1.9	1.8	1.7	1.7	1.7
77.5°	1.6	1.6	1.7	1.9	2.1	2.4	2.5	2.5	2.4	2.2	2.1
75°	2.3	2.4	2.5	2.6	2.6	2.5	2.6	2.7	2.8	2.8	2.7
72.5°	4.0	4.2	4.5	4.9	5.0	5.1	4.9	4.5	4.1	3.6	3.2
70°	5.8	6.2	7.0	8.3	9.1	9.5	9.4	8.6	7.1	6.0	5.1
67.5°	7.3	7.7	8.8	10.6	11.9	13.1	14.3	15.1	14.6	12.9	9.1
65°	7.7	8.7	9.6	10.5	11.8	13.9	17.6	19.7	20.4	19.9	15.7
62.5°	6.4	7.2	7.9	8.7	9.8	12.2	17.4	21.6	24.6	24.4	19.6
60°	5.3	5.8	6.2	6.8	7.6	10.2	15.2	20.9	27.4	25.5	21.5
57.5°	4.9	5.2	5.5	5.7	5.8	7.9	11.8	17.2	23.4	23.0	20.9
55°	4.9	5.3	5.6	5.7	5.8	6.9	8.6	12.0	16.8	18.0	17.2
52.5°	5.7	5.8	6.0	6.3	6.5	6.8	7.5	9.4	10.8	12.5	13.5
50°	6.5	6.5	6.5	6.5	6.9	7.0	7.3	8.1	9.0	9.5	9.9
47.5°	8.2	8.0	7.5	7.3	7.8	7.5	7.6	7.7	8.5	8.8	8.9
45°	13.9	13.3	10.2	10.4	10.5	10.2	9.0	9.7	9.2	9.1	9.1
42.5°	34.3	26.6	23.7	19.3	16.3	15.3	13.8	13.9	13.1	10.8	10.9
40°	52.1	42.6	36.6	33.4	27.8	23.3	23.8	19.7	18.6	16.1	15.5
37.5°	61.0	47.1	53.7	51.1	43.9	42.4	41.9	34.3	25.0	29.6	28.5
35°	91.1	86.0	91.6	87.9	72.2	85.0	76.9	59.6	49.1	51.9	47.5
32.5°	185.8	182.3	169.7	156.6	153.0	152.4	138.4	105.9	97.5	90.5	76.8
30°	349.2	323.6	292.5	275.1	269.1	247.0	221.0	226.1	185.6	140.8	115.6
27.5°	602.5	510.1	465.0	484.1	424.0	374.7	398.3	420.4	313.6	228.8	171.0
25°	928.9	795.2	787.6	787.3	695.8	605.9	644.2	646.8	541.4	346.8	246.6
22.5°	1296.9	1164.2	1113.6	1169.0	1062.7	982.1	934.4	899.9	820.8	563.7	382.7
20°	1606.9	1490.2	1404.3	1406.7	1422.5	1356.2	1259.7	1167.7	1060.1	846.1	556.0
17.5°	1978.7	1766.9	1622.6	1591.0	1657.7	1663.6	1546.3	1403.4	1291.4	1137.7	754.3
15°	2563.1	2033.2	1817.2	1746.4	1786.3	1820.8	1768.5	1621.1	1511.6	1384.4	984.9
12.5°	4085.6	2284.3	1980.9	1812.7	1806.2	1896.5	1917.0	1823.9	1682.9	1503.0	1147.0
10°	5495.1	2871.9	2141.7	1912.3	1839.2	1918.2	1974.4	1867.6	1711.9	1562.9	1286.0
7.5°	8541.9	3803.5	2299.6	1994.2	1865.2	1887.4	1935.3	1836.3	1720.9	1604.2	1401.6
5°	10695.2	4488.5	2399.4	2048.0	1882.8	1878.0	1910.1	1781.7	1714.0	1630.4	1493.5
2.5°	11908.2	4839.1	2455.7	2085.4	1897.9	1889.5	1908.6	1747.6	1700.9	1622.4	1508.0
0°	11424.9	4496.0	2428.8	2092.8	1909.1	1916.6	1929.0	1740.3	1685.7	1604.6	1500.3
-2.5°	11707.8	4751.2	2458.5	2092.4	1918.4	1922.7	2024.3	1821.9	1731.2	1622.3	1485.4
-5°	10249.8	4278.5	2356.1	2014.3	1868.3	1886.5	2001.5	1845.9	1734.8	1620.0	1447.3
-7.5°	7948.9	3591.1	2215.1	1917.9	1801.7	1834.3	1911.0	1796.8	1659.2	1551.9	1356.4
-10°	5067.3	2744.4	2045.0	1819.1	1738.6	1786.8	1837.5	1724.3	1579.6	1481.5	1251.3
-12.5°	3545.6	2178.6	1868.3	1710.5	1688.0	1774.9	1798.9	1644.2	1496.9	1410.5	1136.1
-15°	2335.8	1938.1	1754.7	1666.6	1671.9	1753.3	1771.5	1633.1	1512.0	1371.8	1014.4
-17.5°	1986.5	1767.5	1661.2	1650.2	1697.0	1740.1	1746.7	1664.1	1544.7	1347.3	905.7
-20°	1790.8	1677.1	1663.3	1680.7	1729.6	1762.5	1758.6	1705.3	1559.5	1223.0	784.5



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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°	1685.3	1707.8	1739.8	1760.8	1757.3	1766.1	1754.9	1706.6	1557.6	1050.3	647.2
-25°	1754.8	1834.7	1911.1	1919.8	1835.7	1770.0	1754.5	1661.3	1336.0	864.7	516.5
-27.5°	1956.8	2068.6	2152.3	2116.7	1992.6	1829.0	1728.6	1568.7	1070.5	687.2	504.8
-30°	2236.7	2288.4	2330.6	2305.7	2128.9	1935.9	1720.0	1256.4	841.8	542.2	492.0
-32.5°	2427.2	2415.6	2417.5	2378.1	2219.0	1983.0	1460.4	951.6	615.0	526.3	489.3
-35°	2506.0	2429.5	2372.4	2308.3	2235.0	1657.1	1108.8	708.6	555.9	513.0	488.7
-37.5°	2468.6	2333.1	2233.8	2100.7	1681.8	1201.7	774.3	599.4	541.3	510.6	486.2
-40°	2301.9	2156.0	1834.3	1485.5	1131.5	759.6	641.4	585.3	547.0	507.1	482.5
-42.5°	1859.0	1560.7	1257.1	961.9	715.0	670.3	628.2	591.0	552.7	512.7	461.6
-45°	1251.1	1001.1	769.4	723.1	679.8	653.7	632.4	597.4	559.0	498.0	436.4
-47.5°	808.2	763.8	720.5	692.9	672.0	651.3	631.9	602.3	533.7	470.1	409.1
-50°	752.2	729.8	708.4	688.3	668.7	649.4	610.0	559.6	495.0	433.4	376.0
-52.5°	740.3	720.4	701.6	683.2	645.8	601.2	554.8	504.4	447.9	390.0	336.3
-55°	732.1	698.3	661.7	623.8	583.7	538.5	492.3	443.7	392.7	340.3	290.7
-57.5°	660.1	625.0	587.2	549.4	512.0	467.2	420.5	375.3	332.8	286.6	242.7
-60°	565.9	533.3	498.3	461.5	423.2	383.0	344.1	306.1	269.5	235.7	201.7
-62.5°	460.4	430.3	399.1	366.8	333.5	299.6	269.0	242.2	215.6	187.5	155.9
-65°	352.8	327.5	300.7	276.1	252.1	228.8	205.9	182.5	158.4	133.7	107.4
-67.5°	252.5	233.3	214.3	196.3	178.5	159.6	139.8	119.6	102.7	86.9	69.3
-70°	163.1	149.5	135.7	121.2	108.4	96.4	84.1	71.4	58.1	49.5	42.4
-72.5°	91.3	83.5	75.1	66.0	56.2	50.3	45.9	41.2	36.0	30.1	25.7
-75°	46.9	43.8	40.6	37.3	33.8	30.2	27.9	26.1	24.4	22.8	21.2
-77.5°	28.0	26.9	25.8	24.8	23.7	22.6	21.3	20.2	19.3	18.4	17.4
-80°	21.0	20.3	19.6	19.0	18.4	17.7	17.0	16.3	15.6	14.8	14.1
-82.5°	16.2	15.8	15.4	14.9	14.3	13.7	13.0	12.6	12.1	11.7	11.3
-85°	12.0	11.9	11.8	11.3	10.8	10.3	9.9	9.8	9.6	9.5	9.3
-87.5°	9.5	9.2	9.0	8.8	8.6	8.4	8.1	8.1	8.0	7.9	7.8
-90°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.4	6.2	6.0	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.5
87.5°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9
85°	1.3	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.1
82.5°	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.9	2.0	2.1	2.2
80°	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5
77.5°	2.2	2.2	2.4	2.4	2.3	2.3	2.4	2.5	2.7	2.7	2.7
75°	2.5	2.4	2.5	2.5	2.6	2.5	2.5	2.6	2.8	3.0	3.0
72.5°	3.1	2.9	2.7	2.6	2.7	2.7	2.6	2.6	2.8	3.0	3.2
70°	4.2	3.5	3.1	3.0	2.9	3.0	3.0	2.9	2.8	3.0	3.2
67.5°	5.8	4.8	4.0	3.4	3.2	3.2	3.2	3.2	3.1	3.0	3.2
65°	11.2	7.5	4.9	4.2	3.6	3.3	3.3	3.5	3.4	3.3	3.2
62.5°	15.3	11.4	7.9	5.4	4.2	3.6	3.3	3.6	3.7	3.6	3.4
60°	18.1	13.8	10.6	7.7	5.3	4.0	3.7	3.8	3.9	3.9	3.6
57.5°	17.3	15.0	12.7	9.7	6.9	4.8	4.1	4.1	4.1	4.1	3.9
55°	15.2	13.3	13.9	11.7	8.5	5.9	4.8	4.5	4.4	4.4	4.1
52.5°	12.5	12.5	13.6	13.2	10.4	7.1	5.7	4.9	4.8	4.7	4.4
50°	10.1	11.9	13.6	14.0	12.2	9.1	6.7	5.6	5.1	5.0	4.7
47.5°	9.2	11.4	13.1	14.7	13.7	11.1	8.2	6.4	5.5	5.3	5.0
45°	10.2	11.1	12.8	14.3	15.3	12.6	9.9	7.1	6.1	5.6	5.3
42.5°	12.2	12.4	12.9	14.0	15.2	13.9	11.4	8.4	6.6	5.9	5.6
40°	15.3	15.0	13.9	15.0	15.2	15.0	12.5	9.7	7.1	6.2	5.8
37.5°	19.4	18.6	16.8	17.9	16.3	15.4	13.3	10.9	7.9	6.7	6.1
35°	35.1	23.3	26.2	24.8	20.3	16.1	14.1	11.9	9.1	7.3	6.3
32.5°	55.2	43.8	46.2	36.4	25.6	17.2	14.8	12.9	10.2	7.8	6.6
30°	92.8	91.9	76.6	51.2	34.0	22.2	16.3	14.1	11.3	8.4	6.8
27.5°	156.3	150.4	118.6	79.4	48.2	28.8	18.9	15.5	12.4	9.0	7.3
25°	221.6	211.2	175.3	117.6	64.6	44.8	21.8	17.0	13.5	9.9	7.7
22.5°	291.7	269.9	239.0	162.2	92.2	66.0	29.9	19.4	14.6	10.7	8.2
20°	360.8	328.0	303.3	200.5	126.6	90.7	45.3	21.9	15.9	11.5	8.6
17.5°	443.8	374.5	328.8	238.2	161.0	115.6	63.3	24.7	17.2	12.2	9.0
15°	573.8	405.4	351.2	271.5	190.8	140.5	83.5	27.5	18.5	12.8	9.3
12.5°	692.1	434.1	373.4	300.4	216.5	165.2	105.2	30.3	19.8	13.4	9.7
10°	802.9	460.5	395.0	325.1	238.5	189.5	127.4	33.2	21.0	14.0	10.0
7.5°	903.3	484.5	415.6	345.9	255.3	204.9	141.2	35.9	22.1	14.5	10.2
5°	978.9	502.2	431.0	355.3	259.7	210.3	151.6	38.5	23.1	15.0	10.4
2.5°	986.1	511.1	442.5	360.4	262.5	213.9	159.5	40.9	24.0	15.4	10.6
0°	971.5	517.2	451.8	362.5	264.0	216.0	164.7	43.0	24.8	15.7	10.8
-2.5°	957.7	517.4	452.6	368.9	275.9	222.3	170.5	55.3	32.7	20.2	12.9
-5°	926.5	515.3	451.1	372.8	286.0	227.3	174.0	67.0	40.3	24.4	14.8
-7.5°	873.5	505.4	444.7	373.9	293.9	231.2	175.6	77.9	47.4	28.4	16.7
-10°	803.0	490.0	432.1	368.1	297.6	236.2	176.2	87.6	53.8	32.0	18.3
-12.5°	716.7	472.9	419.3	362.3	299.9	242.1	177.9	95.8	59.4	35.0	19.7
-15°	615.4	454.3	406.9	357.3	301.6	246.9	177.9	102.5	64.5	37.9	20.8
-17.5°	503.4	434.4	395.5	353.7	302.8	250.6	176.4	107.7	68.6	40.8	22.1
-20°	479.9	425.2	386.0	352.3	303.9	253.1	173.6	111.3	71.7	42.9	23.3



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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°	472.2	426.2	389.0	351.2	304.9	254.6	169.5	113.1	73.7	44.2	24.1
-25°	463.2	428.0	393.7	351.0	304.7	247.4	167.6	113.0	74.5	44.6	24.2
-27.5°	461.5	431.1	397.9	347.5	299.5	239.2	166.8	113.5	74.4	44.1	23.7
-30°	464.5	434.6	393.7	340.7	291.9	225.7	163.6	112.6	73.7	43.3	22.6
-32.5°	465.6	437.9	383.6	330.6	277.5	211.6	156.1	110.1	71.7	42.0	22.0
-35°	463.9	426.6	369.6	317.7	260.4	200.4	147.3	105.8	68.3	39.7	21.3
-37.5°	459.9	406.4	352.9	300.8	243.0	187.5	139.4	99.1	63.5	36.5	20.2
-40°	437.0	385.1	333.6	281.4	226.5	173.0	129.9	91.2	58.6	32.3	18.7
-42.5°	412.8	362.1	311.5	261.5	208.9	160.7	118.9	81.9	52.2	29.2	16.8
-45°	385.7	336.4	287.0	238.0	190.1	146.8	106.9	71.6	44.8	26.4	15.2
-47.5°	355.9	307.6	259.2	212.1	172.4	131.2	93.2	62.1	36.6	23.1	14.6
-50°	322.5	275.1	228.0	187.9	151.5	113.9	78.7	51.6	32.0	19.1	13.8
-52.5°	285.5	238.0	198.8	163.8	128.6	94.7	65.5	40.6	26.8	17.1	13.0
-55°	243.2	204.5	171.3	136.9	103.8	76.9	51.1	34.1	21.3	16.0	12.1
-57.5°	206.7	173.5	139.8	107.6	81.2	58.5	40.3	27.0	18.8	14.7	11.4
-60°	169.2	136.3	105.4	81.5	59.9	43.4	31.5	21.3	17.1	13.4	10.8
-62.5°	125.6	98.3	77.1	57.1	43.1	32.5	23.4	19.2	15.4	12.6	10.0
-65°	87.0	67.7	50.3	40.4	30.7	23.4	20.7	17.1	14.3	11.8	9.4
-67.5°	52.4	43.9	35.2	26.5	22.9	20.5	18.0	15.6	13.3	10.9	9.0
-70°	35.0	27.5	23.8	21.9	19.8	17.7	16.3	14.5	12.3	10.3	8.6
-72.5°	23.9	22.1	20.4	18.7	17.2	15.9	14.8	13.3	11.4	9.7	8.1
-75°	19.8	18.5	17.3	16.1	15.0	14.0	13.3	12.2	10.5	9.0	7.5
-77.5°	16.5	15.4	14.4	13.6	13.0	12.4	11.8	10.9	9.5	8.2	6.9
-80°	13.5	12.9	12.3	11.7	11.3	10.8	10.4	9.9	8.7	7.4	6.2
-82.5°	10.9	10.6	10.4	10.1	9.8	9.5	9.3	8.9	7.8	6.7	5.7
-85°	9.2	9.0	8.8	8.7	8.5	8.3	8.1	7.9	7.0	6.1	5.3
-87.5°	7.7	7.5	7.4	7.2	7.1	7.0	7.0	6.9	6.2	5.5	4.9
-90°	0.8	0.8	0.8	0.8	1.0	1.3	1.5	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.1	3.7	3.3	2.9	2.5	2.5	2.5
87.5°	1.9	2.0	2.2	2.3	2.5	2.5	2.5
85°	2.1	2.2	2.2	2.4	2.5	2.5	2.5
82.5°	2.3	2.3	2.3	2.4	2.5	2.6	2.5
80°	2.5	2.4	2.4	2.4	2.5	2.6	2.5
77.5°	2.7	2.6	2.4	2.4	2.5	2.6	2.5
75°	2.9	2.7	2.5	2.5	2.5	2.6	2.5
72.5°	3.1	2.9	2.7	2.5	2.5	2.6	2.5
70°	3.3	3.1	2.8	2.5	2.5	2.6	2.5
67.5°	3.3	3.2	2.9	2.6	2.5	2.7	2.5
65°	3.4	3.3	3.0	2.7	2.6	2.7	2.5
62.5°	3.4	3.4	3.2	2.8	2.6	2.7	2.5
60°	3.5	3.5	3.3	2.9	2.6	2.7	2.5
57.5°	3.6	3.5	3.4	3.0	2.7	2.7	2.5
55°	3.9	3.6	3.5	3.1	2.8	2.8	2.5
52.5°	4.1	3.7	3.5	3.2	2.8	2.8	2.5
50°	4.3	3.9	3.6	3.2	2.9	2.8	2.5
47.5°	4.5	4.1	3.7	3.3	3.0	2.8	2.5
45°	4.7	4.2	3.8	3.4	3.1	2.9	2.5
42.5°	5.0	4.4	3.9	3.5	3.1	2.9	2.5
40°	5.3	4.6	4.0	3.6	3.2	2.9	2.5
37.5°	5.6	4.7	4.2	3.7	3.3	2.9	2.5
35°	5.9	4.9	4.3	3.8	3.4	3.0	2.5
32.5°	6.1	5.1	4.4	3.9	3.4	3.0	2.5
30°	6.3	5.4	4.5	4.0	3.5	3.0	2.5
27.5°	6.5	5.6	4.6	4.1	3.5	3.0	2.5
25°	6.7	5.8	4.8	4.2	3.6	3.1	2.5
22.5°	6.9	6.0	4.9	4.3	3.7	3.1	2.5
20°	7.1	6.1	5.0	4.4	3.7	3.1	2.5
17.5°	7.2	6.3	5.2	4.5	3.8	3.1	2.5
15°	7.4	6.4	5.3	4.6	3.8	3.2	2.5
12.5°	7.5	6.5	5.4	4.6	3.9	3.2	2.5
10°	7.7	6.5	5.5	4.7	3.9	3.2	2.5
7.5°	7.9	6.6	5.6	4.8	4.0	3.2	2.5
5°	8.0	6.6	5.6	4.9	4.0	3.3	2.5
2.5°	8.2	6.6	5.7	4.9	4.1	3.3	2.5
0°	8.3	6.6	5.8	5.0	4.1	3.3	2.5
-2.5°	9.1	7.0	5.9	5.1	4.1	3.3	2.5
-5°	9.8	7.3	6.1	5.1	4.2	3.3	2.5
-7.5°	10.5	7.6	6.2	5.1	4.2	3.3	2.5
-10°	11.1	7.9	6.3	5.2	4.2	3.4	2.5
-12.5°	11.7	8.2	6.4	5.2	4.3	3.4	2.5
-15°	12.1	8.4	6.5	5.2	4.3	3.4	2.5
-17.5°	12.5	8.6	6.5	5.2	4.3	3.4	2.5
-20°	12.9	8.8	6.6	5.3	4.3	3.4	2.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.3	8.9	6.6	5.3	4.3	3.4	2.5
-25°	13.6	8.9	6.6	5.3	4.3	3.4	2.5
-27.5°	13.5	9.0	6.6	5.3	4.3	3.4	2.5
-30°	13.2	9.0	6.6	5.3	4.3	3.4	2.5
-32.5°	12.6	8.9	6.6	5.3	4.3	3.4	2.5
-35°	12.3	8.8	6.5	5.2	4.3	3.3	2.5
-37.5°	12.2	8.7	6.5	5.2	4.3	3.3	2.5
-40°	11.9	8.6	6.4	5.2	4.3	3.3	2.5
-42.5°	11.6	8.4	6.3	5.2	4.3	3.3	2.5
-45°	11.1	8.3	6.3	5.2	4.2	3.3	2.5
-47.5°	10.6	8.1	6.3	5.2	4.2	3.2	2.5
-50°	10.2	7.8	6.2	5.1	4.2	3.2	2.5
-52.5°	9.9	7.5	6.2	5.0	4.1	3.2	2.5
-55°	9.4	7.4	6.1	5.0	4.1	3.1	2.5
-57.5°	8.9	7.2	6.0	4.9	4.0	3.1	2.5
-60°	8.4	7.1	5.9	4.8	4.0	3.1	2.5
-62.5°	8.2	6.9	5.7	4.7	3.9	3.0	2.5
-65°	7.9	6.7	5.5	4.6	3.8	3.0	2.5
-67.5°	7.6	6.4	5.3	4.4	3.7	2.9	2.5
-70°	7.2	6.0	5.1	4.3	3.6	2.9	2.5
-72.5°	6.7	5.7	4.8	4.1	3.4	2.9	2.5
-75°	6.2	5.3	4.6	4.0	3.3	2.8	2.5
-77.5°	5.6	4.9	4.4	3.8	3.2	2.8	2.5
-80°	5.1	4.6	4.1	3.6	3.1	2.7	2.5
-82.5°	4.8	4.4	3.9	3.4	2.9	2.7	2.5
-85°	4.6	4.2	3.7	3.3	2.8	2.6	2.5
-87.5°	4.3	3.9	3.5	3.1	2.6	2.6	2.5
-90°	1.7	1.9	2.1	2.3	2.5	2.5	2.5

(END OF REPORT)