

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: P1305725 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305725 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

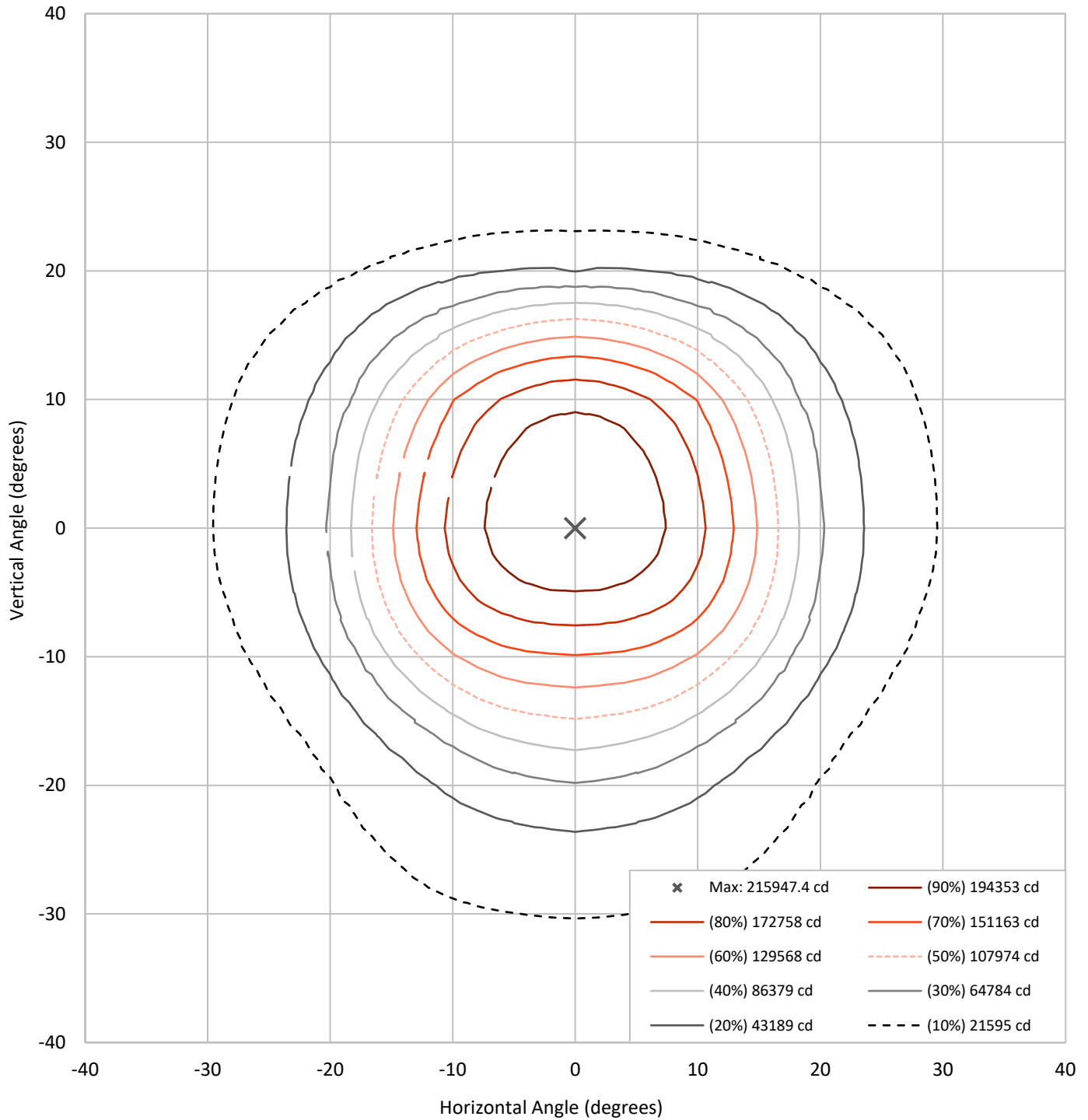
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	73577.8 lumens	Max Intensity:	215947.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	40213.1 lumens	Field Lumens:	64796.4 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%

Input Watts (W): 648
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





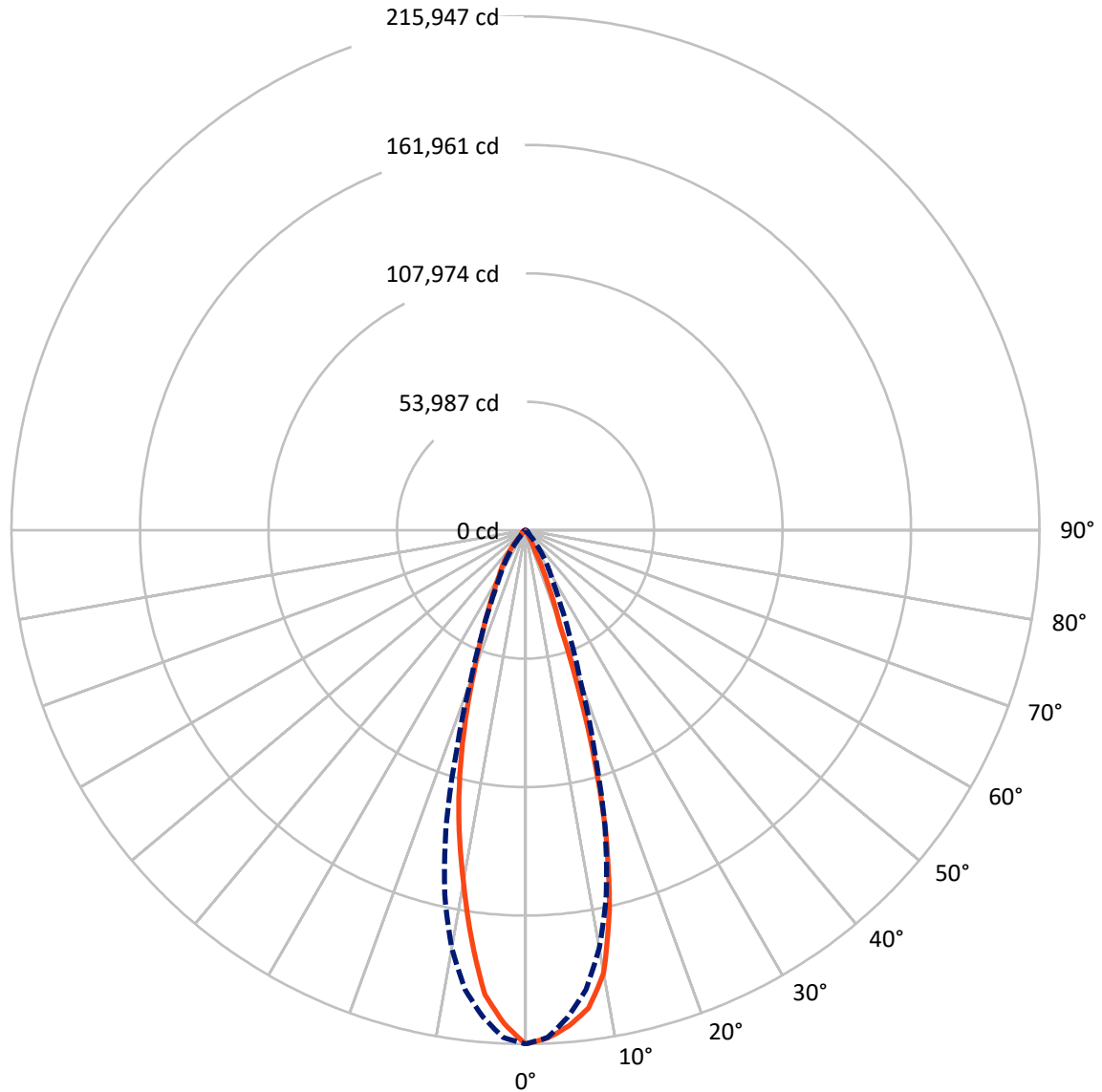
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Lumen Table

90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1									
80	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1									
70	0.1	0.0	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.0	0.1		
60		0.1	0.2	0.8	0.7	0.3	0.2	0.3	0.3	0.2	0.3	0.7	0.8	0.2	0.1			
50	0.1	0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1		
40		0.2	0.8	2.2	4.0	6.9	10.5	13.0	13.0	10.5	6.9	4.0	2.2	0.8	0.2			
30	0.1	0.4	3.6	11.0	43.7	136.4	273.1	443.4	443.4	273.1	136.4	43.7	11.0	3.6	0.4	0.1		
20		1.1	8.2	26.7	180.5	616.5	1839.9	3430.3	3430.3	1839.9	616.5	180.5	26.7	8.2	1.1			
10	0.2	1.8	11.2	38.1	281.2	1001.7	3434.9	5883.3	5883.3	3434.9	1001.7	281.2	38.1	11.2	1.8	0.2		
0		2.3	12.0	39.2	277.6	966.3	3324.7	5476.4	5476.4	3324.7	966.3	277.6	39.2	12.0	2.3			
-10	0.4	2.8	11.5	30.2	165.0	545.9	1677.8	2990.7	2990.7	1677.8	545.9	165.0	30.2	11.5	2.8	0.4		
-20		2.8	11.0	23.3	77.7	296.0	681.8	1087.7	1087.7	681.8	296.0	77.7	23.3	11.0	2.8			
-30	0.4	2.3	9.9	19.9	38.4	110.0	275.3	418.2	418.2	275.3	110.0	38.4	19.9	9.9	2.3	0.4		
-40		1.5	7.2	17.0	28.7	43.8	66.6	90.4	90.4	66.6	43.8	28.7	17.0	7.2	1.5			
-50	0.2	0.8	3.7	11.1	21.5	31.1	39.9	45.7	45.7	39.9	31.1	21.5	11.1	3.7	0.8	0.2		
-60		0.3	1.3	4.0	8.6	14.4	20.4	23.6	23.6	20.4	14.4	8.6	4.0	1.3	0.3			
-70	0.1	0.7	2.7	6.9	9.2	6.9	2.7	0.7	0.1							0.1		
-80		0.1	0.7	2.7	6.9	9.2	6.9	2.7	0.7	0.1								
-90	0.1	0.7	2.7	6.9	9.2	6.9	2.7	0.7	0.1									

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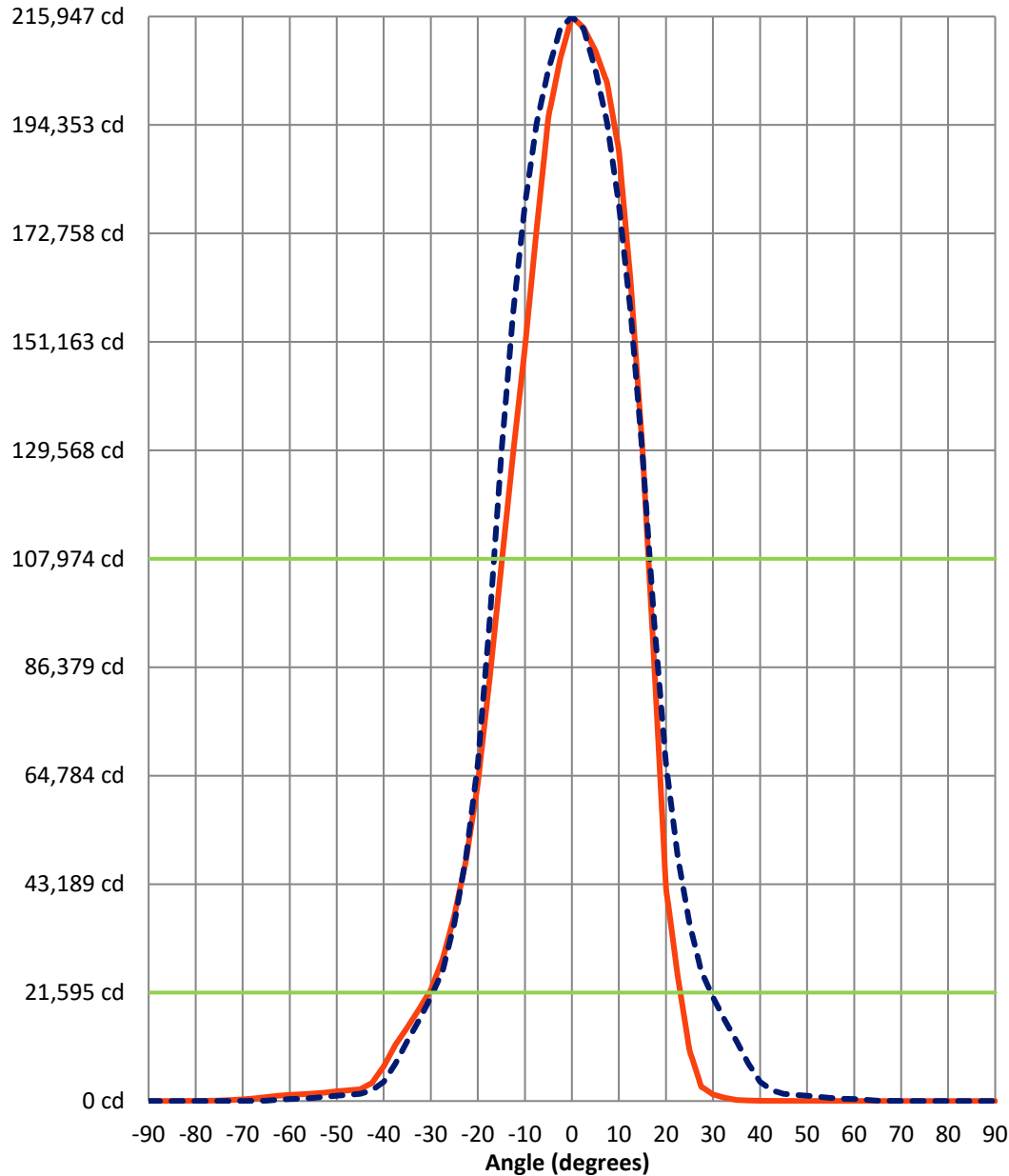
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 40213.1
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 64796.4
 Efficiency: 88.1%

Spill:
 Lumens: 8781.4
 Efficiency: 11.9%

— 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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	3.7	2.8	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.9	1.9
85°	3.7	2.9	2.2	2.3	2.2	2.1	1.9	1.9	1.9	1.9	1.9
82.5°	3.7	2.9	2.4	2.4	2.4	2.2	1.9	1.9	1.9	2.0	1.9
80°	3.7	3.0	2.5	2.6	2.5	2.3	2.0	2.2	2.2	2.2	1.9
77.5°	3.7	3.0	2.7	2.8	2.7	2.5	2.5	2.6	2.6	2.4	2.2
75°	3.7	3.1	2.9	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.9
72.5°	3.7	3.1	3.0	3.2	3.0	3.1	3.3	3.4	3.2	3.3	3.6
70°	3.7	3.1	3.2	3.3	3.2	3.3	3.7	3.5	3.5	3.7	3.7
67.5°	3.7	3.2	3.3	3.4	3.3	3.6	3.7	3.6	3.7	3.7	3.7
65°	3.7	3.2	3.4	3.5	3.5	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	3.7	3.3	3.6	3.5	3.6	3.7	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.3	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.3	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
55°	3.7	3.4	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
52.5°	3.7	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
50°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.9
47.5°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	6.1
45°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.8	7.3
42.5°	3.7	3.5	3.7	3.7	3.7	3.7	3.7	3.8	3.9	5.8	8.8
40°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.9	4.3	6.8	10.4
37.5°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	4.1	5.3	8.0	12.0
35°	3.7	3.6	3.7	3.7	3.7	3.7	3.7	4.3	6.2	9.5	13.5
32.5°	3.7	3.6	3.7	3.7	3.7	3.7	3.8	4.6	7.1	10.9	14.8
30°	3.7	3.6	3.7	3.7	3.7	3.7	4.0	5.0	7.9	12.2	16.4
27.5°	3.7	3.7	3.7	3.7	3.7	3.7	4.2	5.7	8.8	13.5	18.3
25°	3.7	3.7	3.7	3.7	3.7	3.7	4.4	6.3	9.9	14.9	20.5
22.5°	3.7	3.7	3.7	3.7	3.7	3.7	4.6	6.9	10.8	16.5	24.9
20°	3.7	3.7	3.7	3.7	3.7	3.9	4.9	7.5	11.7	18.2	29.7
17.5°	3.7	3.7	3.7	3.7	3.7	4.0	5.2	8.0	12.5	19.9	34.7
15°	3.7	3.7	3.7	3.7	3.7	4.2	5.6	8.6	13.2	21.7	39.9
12.5°	3.7	3.7	3.7	3.7	3.7	4.5	6.0	9.4	14.5	23.5	45.2
10°	3.7	3.7	3.7	3.7	3.7	4.7	6.3	10.2	16.1	26.7	50.8
7.5°	3.7	3.7	3.7	3.7	3.7	4.9	6.6	11.0	17.8	30.0	56.5
5°	3.7	3.7	3.7	3.7	3.7	5.2	6.9	11.8	19.4	33.3	61.9
2.5°	3.7	3.7	3.7	3.7	3.7	5.4	7.2	12.5	21.0	36.3	66.7
0°	3.7	3.7	3.7	3.7	3.7	5.6	7.5	13.1	22.4	39.2	70.9
-2.5°	3.7	3.7	3.7	3.7	3.9	6.2	9.2	16.6	30.1	52.9	91.4
-5°	3.7	3.7	3.7	3.7	4.0	6.8	10.9	19.9	37.5	66.0	110.8
-7.5°	3.7	3.7	3.7	3.7	4.2	7.3	12.5	23.0	44.3	78.2	128.9
-10°	3.7	3.7	3.7	3.7	4.3	7.8	13.9	25.8	50.4	89.1	145.3
-12.5°	3.7	3.7	3.7	3.7	4.5	8.2	15.1	28.3	55.5	98.5	159.7
-15°	3.7	3.7	3.7	3.7	4.6	8.5	16.2	30.4	59.8	105.8	171.6
-17.5°	3.7	3.7	3.7	3.7	4.6	8.8	17.0	32.4	63.0	111.2	180.3
-20°	3.7	3.7	3.7	3.7	4.7	8.9	17.7	34.1	65.0	114.6	185.7



REPORT NUMBER: P1305725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.7	3.7	3.7	3.7	4.7	8.9	18.4	35.3	65.7	115.9	187.3
-25°	3.7	3.7	3.7	3.7	4.7	9.0	18.7	35.8	65.0	114.8	185.0
-27.5°	3.7	3.7	3.7	3.7	4.7	9.0	18.6	35.6	62.8	112.3	183.4
-30°	3.7	3.7	3.7	3.7	4.6	8.8	18.1	34.7	61.4	109.6	178.7
-32.5°	3.7	3.7	3.7	3.7	4.7	8.5	17.2	33.9	60.2	104.9	170.6
-35°	3.7	3.7	3.7	3.7	4.7	7.9	16.5	32.8	58.0	98.0	159.2
-37.5°	3.7	3.7	3.7	3.7	4.7	7.5	15.9	31.0	54.7	89.0	145.1
-40°	3.7	3.7	3.7	3.7	4.6	7.5	14.9	28.6	50.3	82.6	130.9
-42.5°	3.7	3.7	3.7	3.7	4.7	7.4	13.7	25.6	46.3	75.4	114.5
-45°	3.7	3.7	3.7	3.8	4.7	7.3	12.3	22.8	42.1	67.1	97.5
-47.5°	3.7	3.7	3.7	3.8	4.8	7.1	10.6	20.7	37.0	58.0	87.1
-50°	3.7	3.7	3.7	3.8	4.8	6.9	10.0	18.3	30.6	50.5	75.8
-52.5°	3.7	3.7	3.7	3.9	4.7	6.6	9.6	15.5	25.9	42.1	63.8
-55°	3.7	3.7	3.7	3.9	4.7	6.4	9.2	12.6	22.0	33.0	53.1
-57.5°	3.7	3.7	3.7	3.9	4.5	6.2	8.7	12.0	17.9	27.2	41.4
-60°	3.7	3.7	3.7	3.8	4.4	5.9	8.1	11.2	14.2	22.2	31.2
-62.5°	3.7	3.7	3.7	3.8	4.3	5.5	7.6	10.3	13.1	17.1	25.4
-65°	3.7	3.7	3.7	3.8	4.2	5.1	7.0	9.4	12.0	14.9	19.4
-67.5°	3.7	3.7	3.7	3.8	4.1	4.8	6.3	8.4	10.7	13.4	16.3
-70°	3.7	3.7	3.7	3.7	4.0	4.6	5.5	7.5	9.6	11.7	14.3
-72.5°	3.7	3.7	3.7	3.7	3.9	4.3	5.1	6.5	8.5	10.4	12.4
-75°	3.7	3.7	3.7	3.7	3.7	4.1	4.7	5.8	7.3	9.1	11.0
-77.5°	3.7	3.7	3.7	3.7	3.7	3.8	4.2	5.2	6.5	7.9	9.5
-80°	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.6	5.6	6.7	8.0
-82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.1	4.7	5.6	6.5
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.8	5.3
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.2	4.5
-90°	3.7	2.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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 CATALOG NUMBER: EPH-08-640L-57-80-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.4	2.6
80°	1.9	1.9	2.0	1.9	2.1	2.4	2.8	3.3	3.6	3.7	3.7
77.5°	2.3	2.4	2.3	2.0	2.2	2.7	3.1	3.6	3.7	3.7	3.7
75°	3.0	2.9	2.5	2.1	2.2	2.6	3.1	3.6	3.7	3.7	3.7
72.5°	3.4	3.0	2.6	2.1	2.5	3.1	3.5	3.7	4.6	5.7	6.4
70°	3.5	3.1	2.9	3.0	3.4	4.1	5.7	7.8	9.8	10.6	11.3
67.5°	3.6	3.4	3.4	3.9	5.2	7.1	9.4	12.3	15.3	16.3	17.4
65°	3.7	3.6	4.2	5.4	7.3	10.2	13.4	16.8	21.9	24.4	25.6
62.5°	3.7	4.0	5.0	7.0	10.1	13.5	17.7	23.3	30.0	34.3	34.2
60°	3.7	4.2	6.2	9.3	12.8	16.8	22.3	30.0	39.6	46.4	41.8
57.5°	3.7	5.0	8.1	11.5	15.2	19.7	27.3	36.8	45.6	54.7	46.9
55°	4.2	6.4	9.7	13.4	17.8	23.1	30.5	38.1	47.6	51.1	42.7
52.5°	5.7	7.8	11.1	15.3	20.7	25.0	29.1	35.7	39.3	41.0	35.2
50°	7.1	9.5	12.4	17.6	22.2	24.6	25.2	29.4	31.1	29.6	26.8
47.5°	8.7	11.2	14.2	19.3	22.4	23.5	22.7	23.5	23.4	23.1	19.5
45°	10.4	13.2	16.4	19.9	22.2	22.0	21.6	19.0	21.5	20.8	19.1
42.5°	12.1	15.1	18.4	20.7	21.3	22.4	22.3	23.1	23.2	24.2	26.1
40°	13.7	16.9	20.6	22.2	21.6	25.1	30.2	32.7	29.4	35.4	40.7
37.5°	15.1	19.2	24.0	27.8	25.6	33.2	41.4	54.5	56.4	52.5	66.9
35°	16.4	21.8	31.9	40.7	42.9	46.5	69.5	90.4	103.4	95.8	106.8
32.5°	18.3	24.7	42.5	61.8	77.2	81.5	105.7	149.6	175.1	179.5	172.2
30°	21.5	34.7	58.6	88.6	122.9	153.6	174.8	224.9	266.7	312.4	339.5
27.5°	26.3	47.7	84.3	130.8	182.5	239.8	287.5	326.2	402.7	480.5	547.3
25°	31.9	74.1	113.7	183.5	265.6	344.8	411.2	470.4	571.3	692.6	895.4
22.5°	45.7	107.9	162.7	242.8	358.0	458.3	547.9	640.0	763.2	926.5	1350.8
20°	70.4	150.2	218.6	303.9	453.4	576.7	690.3	806.3	960.5	1302.6	2233.3
17.5°	98.9	194.4	272.4	371.2	524.5	681.3	837.2	965.0	1151.8	1656.6	3205.1
15°	130.1	239.8	321.0	432.8	591.9	762.5	936.7	1119.6	1404.4	2128.4	4127.6
12.5°	163.2	285.7	364.7	488.7	655.2	839.7	1016.5	1214.5	1632.5	2844.2	5301.2
10°	196.9	331.4	404.2	539.0	713.9	912.2	1087.7	1294.5	1811.1	3302.3	6120.7
7.5°	218.5	363.8	436.5	583.7	767.5	979.0	1150.7	1360.4	1962.6	3593.1	6693.6
5°	234.7	380.4	447.1	603.8	802.8	1027.8	1199.5	1413.3	2084.6	3735.3	7089.4
2.5°	247.1	393.4	455.7	615.9	824.3	1050.6	1214.1	1433.1	2135.1	3821.2	7363.7
0°	255.5	402.8	462.5	622.9	839.3	1064.9	1221.6	1443.5	2142.9	3845.7	7497.5
-2.5°	269.5	410.2	476.5	635.5	847.2	1069.5	1227.9	1451.7	2174.3	3960.7	7701.8
-5°	279.8	414.6	488.3	643.2	848.3	1066.2	1227.8	1449.8	2156.2	3920.7	7444.0
-7.5°	286.8	416.5	497.7	645.8	837.0	1042.8	1202.9	1408.4	2043.1	3668.6	6743.9
-10°	291.9	422.5	509.5	641.9	812.3	1004.8	1167.6	1358.2	1897.3	3314.3	5932.7
-12.5°	299.7	432.4	521.0	636.2	786.3	961.3	1126.6	1300.0	1720.6	2858.1	5015.7
-15°	303.6	440.6	531.6	629.5	760.9	913.0	1080.2	1234.3	1522.6	2307.5	3997.7
-17.5°	303.7	447.4	541.7	622.7	737.3	860.5	1033.8	1186.7	1383.0	1969.0	3288.0
-20°	299.8	453.1	551.6	616.5	717.8	827.9	995.9	1153.1	1326.0	1715.5	2584.0



REPORT NUMBER: P1305725 (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°	292.1	458.0	557.9	621.4	710.7	814.3	952.5	1112.9	1266.7	1444.8	2046.6
-25°	287.0	445.7	558.7	626.4	703.2	799.9	905.8	1065.6	1211.3	1382.7	1763.5
-27.5°	283.6	428.8	548.5	627.6	693.9	785.8	878.8	1010.0	1168.9	1328.2	1502.3
-30°	274.8	398.2	534.3	621.8	690.1	772.9	860.5	959.3	1120.2	1274.6	1435.0
-32.5°	257.4	366.0	502.8	603.1	684.0	758.6	841.9	930.9	1058.1	1217.4	1364.7
-35°	237.2	341.1	464.0	579.7	671.9	744.4	820.6	904.6	998.3	1143.0	1306.7
-37.5°	218.3	312.1	424.1	545.0	641.8	729.6	796.1	875.7	962.8	1062.6	1226.1
-40°	196.0	279.2	386.7	500.5	609.1	705.4	780.2	844.1	924.5	1026.1	1127.5
-42.5°	171.2	250.6	346.4	454.7	562.3	664.9	761.8	824.1	895.3	989.9	1087.0
-45°	150.7	218.3	303.2	403.5	507.0	614.2	712.6	809.8	878.0	953.9	1046.1
-47.5°	127.7	185.0	262.7	348.2	446.8	548.6	654.1	755.1	859.1	931.8	1004.2
-50°	105.7	156.6	217.6	296.4	382.4	478.3	577.5	688.5	793.2	894.5	978.4
-52.5°	91.8	125.6	180.4	243.9	320.4	403.8	498.5	601.0	709.0	816.6	908.8
-55°	76.9	105.2	143.0	197.3	259.7	333.1	414.4	508.3	606.2	709.2	806.8
-57.5°	62.4	87.0	115.0	152.9	205.8	263.5	334.2	411.5	499.4	590.6	672.1
-60°	47.8	68.7	92.8	120.3	153.9	203.4	254.0	318.0	391.1	464.7	535.8
-62.5°	34.0	51.0	71.1	93.8	120.2	147.1	187.5	234.2	282.6	342.4	401.5
-65°	27.2	35.2	50.1	69.1	89.3	112.5	136.5	161.1	200.6	240.2	278.0
-67.5°	20.2	27.2	34.7	44.7	61.9	79.2	97.9	119.3	140.9	161.0	185.1
-70°	17.0	19.6	25.4	32.2	39.0	47.1	62.1	78.3	94.9	110.8	127.6
-72.5°	14.7	17.1	19.5	21.8	27.1	32.1	36.9	41.2	50.7	63.9	76.7
-75°	12.6	14.5	16.7	18.8	20.5	22.1	24.1	28.1	32.1	36.0	39.6
-77.5°	10.6	11.9	13.6	15.5	17.0	18.1	19.3	20.6	22.4	24.3	26.4
-80°	8.7	9.3	10.2	11.4	12.7	13.9	14.9	15.8	16.8	18.1	19.6
-82.5°	7.0	7.4	7.9	8.3	9.0	9.9	10.8	11.8	12.5	13.1	13.8
-85°	5.5	5.6	5.9	6.1	6.5	6.9	7.4	7.9	8.5	9.0	9.5
-87.5°	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.0	5.4	5.9	6.3
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.7	4.2	4.7	5.1	5.6	6.1	6.6	7.0	7.5	7.5	7.5
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.7	2.6	2.5	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	3.7	3.5	3.3	3.1	3.0	2.9	2.6	2.3	1.9	1.9	1.9
77.5°	3.7	3.7	3.7	3.7	3.7	3.3	2.9	2.4	2.0	1.9	1.9
75°	3.7	3.8	4.1	4.1	3.8	3.5	3.4	3.3	3.3	3.1	2.8
72.5°	6.7	6.6	6.3	6.3	6.0	6.0	6.0	5.8	5.3	5.2	5.3
70°	11.9	12.3	12.2	11.8	10.7	9.6	8.8	8.1	7.3	6.9	6.5
67.5°	18.4	18.5	17.5	15.9	13.2	10.9	9.9	8.9	7.9	7.6	8.0
65°	25.5	23.2	20.4	17.4	14.1	11.1	10.2	9.6	9.0	9.1	9.8
62.5°	31.4	25.4	20.4	16.9	13.8	11.0	10.2	9.3	8.6	8.1	8.0
60°	34.8	25.5	18.4	15.2	12.3	9.7	8.6	8.0	7.7	7.5	7.5
57.5°	34.8	24.1	16.0	13.1	10.6	8.3	7.5	7.5	7.5	7.5	7.5
55°	31.0	21.1	13.7	11.3	9.6	8.2	7.6	7.8	7.8	7.5	7.9
52.5°	24.3	17.5	12.8	10.6	9.8	9.4	9.2	9.1	8.9	8.7	8.9
50°	19.3	14.5	12.3	11.0	11.0	11.0	11.0	11.2	11.4	11.6	11.7
47.5°	16.2	13.6	13.9	12.8	13.2	14.4	14.6	14.8	15.4	15.5	15.1
45°	16.5	19.2	19.8	19.5	19.2	21.9	21.8	19.9	22.3	23.0	22.5
42.5°	27.4	29.7	31.2	32.6	34.3	36.3	37.5	36.9	39.0	38.9	36.4
40°	46.3	44.2	47.7	51.9	55.7	57.1	60.7	64.3	65.7	64.9	62.5
37.5°	76.0	72.7	73.0	82.5	91.2	80.9	96.1	102.2	98.4	111.9	114.6
35°	126.2	139.6	120.3	154.3	171.2	163.0	181.1	217.0	189.2	240.1	252.5
32.5°	224.4	256.6	276.6	305.3	347.6	403.2	417.1	505.7	534.0	575.1	619.3
30°	366.8	457.4	624.2	655.3	695.6	887.0	939.7	987.8	1088.6	1166.3	1298.3
27.5°	666.5	910.8	1259.6	1566.8	1544.3	1868.2	2228.7	1825.1	2423.9	2183.7	2758.1
25°	1248.1	1786.6	2627.8	3441.8	3830.3	4490.3	5315.7	5159.4	6248.5	6324.0	7930.4
22.5°	2373.8	3543.9	4830.1	6213.8	7556.1	9041.5	10468.9	11965.3	14215.1	17323.5	20344.6
20°	3883.9	5604.2	7681.7	9824.1	12095.9	14406.1	17090.1	21635.4	26295.7	32764.6	37334.6
17.5°	5520.2	8258.2	10808.4	13462.8	16638.9	20479.0	26030.9	33797.3	43217.5	52887.5	60368.2
15°	6949.5	10046.9	13722.9	17261.6	21211.1	26975.2	35695.1	47198.7	61207.6	75908.1	93684.5
12.5°	8332.5	11567.9	15562.6	20038.6	25405.6	33655.7	44958.7	60504.6	79063.2	101153.5	123985.1
10°	9405.7	12955.7	17401.8	22442.6	28993.2	39126.0	52260.9	70615.0	98115.9	124193.3	150265.5
7.5°	10244.4	14237.9	18947.6	24238.0	31865.3	43274.8	58989.7	82094.1	111151.1	139366.0	163380.4
5°	10989.8	15292.3	19994.8	25249.8	33932.9	46293.4	63216.1	89602.3	120610.0	148339.9	171191.6
2.5°	11577.0	15981.7	20570.0	25756.7	35263.9	47959.8	65445.0	93631.7	126707.1	154083.7	175904.0
0°	11932.5	16104.6	20666.5	25864.4	35364.9	48714.9	67184.4	95395.0	128881.8	156894.6	178355.7
-2.5°	11805.1	15829.3	20353.8	25548.0	35031.4	48007.3	65785.4	94501.5	127038.9	153247.6	174831.8
-5°	11170.5	14928.4	19129.8	24016.9	32818.6	45319.2	61819.6	88005.5	118589.3	144753.5	165064.3
-7.5°	10170.1	13669.4	17526.6	22051.0	29662.3	40958.3	55994.4	78278.5	106042.6	130184.2	148513.5
-10°	9050.8	12209.8	15551.7	19559.0	25508.6	35096.9	47653.2	64668.7	88480.3	110186.5	127517.1
-12.5°	7705.4	10333.6	13142.8	16598.7	21108.1	28924.9	39481.7	53284.7	69840.9	89156.4	104934.2
-15°	6307.2	8516.7	10841.9	14083.5	17929.5	22908.8	30497.1	41470.4	53759.7	66952.5	81268.0
-17.5°	5064.8	6935.5	9401.0	12131.2	15062.5	18527.5	24801.7	32280.0	41173.9	50583.9	59223.6
-20°	4068.5	6052.7	8267.6	10641.9	13335.2	16667.1	20521.4	26203.0	32798.5	40022.1	46943.1



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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°	3346.9	5126.2	7183.0	9410.1	12134.9	15134.4	18255.9	21821.6	26554.7	32108.4	37425.3
-25°	2549.1	4036.1	6031.2	8277.4	10787.5	13432.6	15966.3	18873.0	22333.2	25946.7	29669.8
-27.5°	2020.6	3070.2	4708.4	6817.8	9140.3	11211.3	13382.1	15802.4	18828.3	21972.2	24043.7
-30°	1649.2	2263.7	3493.5	5141.5	7082.6	8910.2	10692.6	12867.8	15243.2	17499.5	19330.9
-32.5°	1540.6	1815.5	2451.9	3626.4	5084.3	6715.6	8315.6	10257.4	12101.0	13886.6	15461.1
-35°	1464.0	1639.8	1879.8	2492.5	3370.7	4696.3	6158.3	7801.4	9465.4	10907.8	12243.2
-37.5°	1392.5	1545.1	1704.0	1862.1	2356.4	2963.2	3992.8	5292.4	6554.6	7721.9	8871.4
-40°	1290.6	1457.8	1586.2	1721.3	1868.4	2035.4	2574.3	3105.3	3723.2	4618.4	5402.5
-42.5°	1182.5	1321.9	1468.0	1594.6	1717.5	1845.9	1981.7	2116.7	2399.2	2750.4	3038.1
-45°	1137.4	1221.2	1321.6	1453.7	1577.3	1692.7	1803.2	1910.0	2022.9	2125.9	2210.1
-47.5°	1083.3	1159.6	1240.8	1326.9	1417.7	1529.0	1638.4	1747.2	1845.9	1937.7	2010.9
-50°	1033.4	1093.3	1165.9	1239.2	1311.7	1386.4	1461.8	1545.8	1640.2	1733.1	1809.5
-52.5°	992.6	1047.5	1099.4	1151.3	1214.4	1277.7	1341.1	1408.0	1472.4	1533.4	1580.9
-55°	893.4	970.7	1046.7	1095.8	1138.3	1181.4	1229.4	1289.3	1346.4	1400.5	1432.4
-57.5°	758.5	848.0	930.1	988.1	1047.3	1107.4	1156.9	1199.7	1242.9	1284.2	1306.7
-60°	608.3	681.9	756.3	825.3	891.2	953.5	1011.2	1067.5	1119.5	1163.3	1189.8
-62.5°	459.8	520.8	581.2	638.9	694.4	748.5	810.1	869.4	925.8	971.9	1000.3
-65°	320.1	370.1	417.0	461.9	504.9	551.0	598.8	645.4	690.0	725.5	748.7
-67.5°	217.7	248.5	276.5	303.2	335.9	371.3	406.4	439.1	469.0	492.0	508.3
-70°	144.7	161.1	175.9	193.1	214.5	236.1	257.8	278.0	296.4	310.1	320.5
-72.5°	89.0	100.4	111.1	122.7	133.6	144.9	156.7	168.3	179.5	187.5	193.6
-75°	42.9	48.1	57.5	66.1	73.8	81.0	87.5	93.3	98.2	101.3	103.4
-77.5°	29.2	31.6	33.9	36.3	38.7	41.6	44.5	47.3	50.0	52.1	54.0
-80°	21.1	22.4	23.4	24.3	25.1	26.4	27.7	29.0	30.3	30.8	31.2
-82.5°	14.6	15.6	16.6	17.5	18.4	19.2	20.1	20.9	21.6	22.3	22.9
-85°	9.9	10.4	10.9	11.5	12.0	12.7	13.3	13.9	14.5	14.6	14.7
-87.5°	6.8	7.0	7.1	7.2	7.3	7.8	8.3	8.8	9.2	9.3	9.3
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.0



REPORT NUMBER: P1305725 (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°
90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0
87.5°	1.9	1.9	0.9	0.0	0.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.3
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.4
75°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.1	3.3	3.3
72.5°	5.4	5.5	4.7	3.7	4.7	5.5	5.4	5.3	5.2	5.3	5.8
70°	6.1	5.7	5.6	5.6	5.6	5.7	6.1	6.5	6.9	7.3	8.1
67.5°	8.5	9.1	9.3	9.3	9.3	9.1	8.5	8.0	7.6	7.9	8.9
65°	10.4	11.0	10.3	9.3	10.3	11.0	10.4	9.8	9.1	9.0	9.6
62.5°	7.8	7.7	7.5	7.5	7.5	7.7	7.8	8.0	8.1	8.6	9.3
60°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	8.0
57.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
55°	8.4	9.0	9.3	9.3	9.3	9.0	8.4	7.9	7.5	7.8	7.8
52.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.2	8.9	8.7	8.9	9.1
50°	11.6	11.3	11.2	11.2	11.2	11.3	11.6	11.7	11.6	11.4	11.2
47.5°	14.5	13.6	13.1	13.1	13.1	13.6	14.5	15.1	15.5	15.4	14.8
45°	22.6	22.4	22.2	22.4	22.2	22.4	22.6	22.5	23.0	22.3	19.9
42.5°	37.9	38.5	37.8	35.4	37.8	38.5	37.9	36.4	38.9	39.0	36.9
40°	62.5	60.1	56.9	56.0	56.9	60.1	62.5	62.5	64.9	65.7	64.3
37.5°	116.0	116.0	113.3	111.9	113.3	116.0	116.0	114.6	111.9	98.4	102.2
35°	244.2	242.2	228.9	216.3	228.9	242.2	244.2	252.5	240.1	189.2	217.0
32.5°	634.2	667.8	664.7	645.3	664.7	667.8	634.2	619.3	575.1	534.0	505.7
30°	1349.2	1409.4	1396.7	1316.7	1396.7	1409.4	1349.2	1298.3	1166.3	1088.6	987.8
27.5°	2788.6	2929.5	3053.7	2890.8	3053.7	2929.5	2788.6	2758.1	2183.7	2423.9	1825.1
25°	9538.6	10455.9	10998.6	10155.1	10998.6	10455.9	9538.6	7930.4	6324.0	6248.5	5159.4
22.5°	22764.8	23907.9	24517.9	24866.6	24517.9	23907.9	22764.8	20344.6	17323.5	14215.1	11965.3
20°	41758.3	44202.8	45768.6	42614.3	45768.6	44202.8	41758.3	37334.6	32764.6	26295.7	21635.4
17.5°	70745.8	79760.9	84507.4	87086.2	84507.4	79760.9	70745.8	60368.2	52887.5	43217.5	33797.3
15°	107403.4	118938.1	126727.4	129777.0	126727.4	118938.1	107403.4	93684.5	75908.1	61207.6	47198.7
12.5°	142063.4	153965.5	161152.4	162958.9	161152.4	153965.5	142063.4	123985.1	101153.5	79063.2	60504.6
10°	166716.1	177930.6	186197.9	189100.2	186197.9	177930.6	166716.1	150265.5	124193.3	98115.9	70615.0
7.5°	180440.3	193549.3	200835.8	202649.7	200835.8	193549.3	180440.3	163380.4	139366.0	111151.1	82094.1
5°	188339.0	200183.1	208148.2	209113.9	208148.2	200183.1	188339.0	171191.6	148339.9	120610.0	89602.3
2.5°	193431.7	205015.0	211716.5	213686.1	211716.5	205015.0	193431.7	175904.0	154083.7	126707.1	93631.7
0°	194681.3	205331.6	213427.8	215947.4	213427.8	205331.6	194681.3	178355.7	156894.6	128881.8	95395.0
-2.5°	190897.5	201171.7	206564.7	207439.2	206564.7	201171.7	190897.5	174831.8	153247.6	127038.9	94501.5
-5°	181234.6	188833.2	195059.0	195855.4	195059.0	188833.2	181234.6	165064.3	144753.5	118589.3	88005.5
-7.5°	160709.1	169232.9	172676.3	173608.2	172676.3	169232.9	160709.1	148513.5	130184.2	106042.6	78278.5
-10°	138870.2	146172.5	148611.9	149928.7	148611.9	146172.5	138870.2	127517.1	110186.5	88480.3	64668.7
-12.5°	117489.8	124630.4	127029.8	128935.9	127029.8	124630.4	117489.8	104934.2	89156.4	69840.9	53284.7
-15°	93534.9	100566.5	104443.0	106588.9	104443.0	100566.5	93534.9	81268.0	66952.5	53759.7	41470.4
-17.5°	70188.4	76866.2	81378.1	84003.3	81378.1	76866.2	70188.4	59223.6	50583.9	41173.9	32280.0
-20°	53219.4	57739.0	61211.1	63271.5	61211.1	57739.0	53219.4	46943.1	40022.1	32798.5	26203.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	41572.3	44702.6	46714.0	48030.4	46714.0	44702.6	41572.3	37425.3	32108.4	26554.7	21821.6
-25°	32491.2	34545.6	35846.5	36911.0	35846.5	34545.6	32491.2	29669.8	25946.7	22333.2	18873.0
-27.5°	25726.2	26827.6	27402.6	28184.5	27402.6	26827.6	25726.2	24043.7	21972.2	18828.3	15802.4
-30°	20681.3	21526.5	21983.4	22153.0	21983.4	21526.5	20681.3	19330.9	17499.5	15243.2	12867.8
-32.5°	16645.0	17443.4	18020.0	18290.5	18020.0	17443.4	16645.0	15461.1	13886.6	12101.0	10257.4
-35°	13279.5	13945.5	14400.1	14649.9	14400.1	13945.5	13279.5	12243.2	10907.8	9465.4	7801.4
-37.5°	9823.3	10554.2	11054.6	11225.7	11054.6	10554.2	9823.3	8871.4	7721.9	6554.6	5292.4
-40°	6027.0	6492.6	6793.0	6919.3	6793.0	6492.6	6027.0	5402.5	4618.4	3723.2	3105.3
-42.5°	3262.3	3433.2	3551.8	3620.0	3551.8	3433.2	3262.3	3038.1	2750.4	2399.2	2116.7
-45°	2264.6	2307.9	2335.3	2346.2	2335.3	2307.9	2264.6	2210.1	2125.9	2022.9	1910.0
-47.5°	2064.5	2111.2	2136.1	2137.3	2136.1	2111.2	2064.5	2010.9	1937.7	1845.9	1747.2
-50°	1870.0	1920.9	1946.5	1949.0	1946.5	1920.9	1870.0	1809.5	1733.1	1640.2	1545.8
-52.5°	1624.1	1664.4	1682.0	1680.4	1682.0	1664.4	1624.1	1580.9	1533.4	1472.4	1408.0
-55°	1460.0	1484.0	1494.7	1495.8	1494.7	1484.0	1460.0	1432.4	1400.5	1346.4	1289.3
-57.5°	1326.9	1344.7	1350.9	1350.3	1350.9	1344.7	1326.9	1306.7	1284.2	1242.9	1199.7
-60°	1213.0	1232.3	1237.7	1234.7	1237.7	1232.3	1213.0	1189.8	1163.3	1119.5	1067.5
-62.5°	1023.4	1041.1	1049.9	1051.9	1049.9	1041.1	1023.4	1000.3	971.9	925.8	869.4
-65°	767.1	780.4	787.4	788.9	787.4	780.4	767.1	748.7	725.5	690.0	645.4
-67.5°	521.0	530.0	532.8	531.5	532.8	530.0	521.0	508.3	492.0	469.0	439.1
-70°	328.8	335.0	336.6	335.7	336.6	335.0	328.8	320.5	310.1	296.4	278.0
-72.5°	198.6	202.4	202.7	201.4	202.7	202.4	198.6	193.6	187.5	179.5	168.3
-75°	104.7	105.2	105.1	104.4	105.1	105.2	104.7	103.4	101.3	98.2	93.3
-77.5°	55.7	57.3	56.8	56.0	56.8	57.3	55.7	54.0	52.1	50.0	47.3
-80°	31.4	31.6	31.7	31.7	31.7	31.6	31.4	31.2	30.8	30.3	29.0
-82.5°	23.5	24.1	23.3	22.4	23.3	24.1	23.5	22.9	22.3	21.6	20.9
-85°	14.8	14.9	14.9	14.9	14.9	14.9	14.8	14.7	14.6	14.5	13.9
-87.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	8.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.6	6.1	5.6	5.1	4.7	4.2	3.7	3.7	3.7	3.7	3.7
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	2.2	2.5	2.6	2.7	2.6	2.4	2.3	2.1
80°	2.6	2.9	3.0	3.1	3.3	3.5	3.7	3.7	3.7	3.6	3.3
77.5°	2.9	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
75°	3.4	3.5	3.8	4.1	4.1	3.8	3.7	3.7	3.7	3.7	3.6
72.5°	6.0	6.0	6.0	6.3	6.3	6.6	6.7	6.4	5.7	4.6	3.7
70°	8.8	9.6	10.7	11.8	12.2	12.3	11.9	11.3	10.6	9.8	7.8
67.5°	9.9	10.9	13.2	15.9	17.5	18.5	18.4	17.4	16.3	15.3	12.3
65°	10.2	11.1	14.1	17.4	20.4	23.2	25.5	25.6	24.4	21.9	16.8
62.5°	10.2	11.0	13.8	16.9	20.4	25.4	31.4	34.2	34.3	30.0	23.3
60°	8.6	9.7	12.3	15.2	18.4	25.5	34.8	41.8	46.4	39.6	30.0
57.5°	7.5	8.3	10.6	13.1	16.0	24.1	34.8	46.9	54.7	45.6	36.8
55°	7.6	8.2	9.6	11.3	13.7	21.1	31.0	42.7	51.1	47.6	38.1
52.5°	9.2	9.4	9.8	10.6	12.8	17.5	24.3	35.2	41.0	39.3	35.7
50°	11.0	11.0	11.0	11.0	12.3	14.5	19.3	26.8	29.6	31.1	29.4
47.5°	14.6	14.4	13.2	12.8	13.9	13.6	16.2	19.5	23.1	23.4	23.5
45°	21.8	21.9	19.2	19.5	19.8	19.2	16.5	19.1	20.8	21.5	19.0
42.5°	37.5	36.3	34.3	32.6	31.2	29.7	27.4	26.1	24.2	23.2	23.1
40°	60.7	57.1	55.7	51.9	47.7	44.2	46.3	40.7	35.4	29.4	32.7
37.5°	96.1	80.9	91.2	82.5	73.0	72.7	76.0	66.9	52.5	56.4	54.5
35°	181.1	163.0	171.2	154.3	120.3	139.6	126.2	106.8	95.8	103.4	90.4
32.5°	417.1	403.2	347.6	305.3	276.6	256.6	224.4	172.2	179.5	175.1	149.6
30°	939.7	887.0	695.6	655.3	624.2	457.4	366.8	339.5	312.4	266.7	224.9
27.5°	2228.7	1868.2	1544.3	1566.8	1259.6	910.8	666.5	547.3	480.5	402.7	326.2
25°	5315.7	4490.3	3830.3	3441.8	2627.8	1786.6	1248.1	895.4	692.6	571.3	470.4
22.5°	10468.9	9041.5	7556.1	6213.8	4830.1	3543.9	2373.8	1350.8	926.5	763.2	640.0
20°	17090.1	14406.1	12095.9	9824.1	7681.7	5604.2	3883.9	2233.3	1302.6	960.5	806.3
17.5°	26030.9	20479.0	16638.9	13462.8	10808.4	8258.2	5520.2	3205.1	1656.6	1151.8	965.0
15°	35695.1	26975.2	21211.1	17261.6	13722.9	10046.9	6949.5	4127.6	2128.4	1404.4	1119.6
12.5°	44958.7	33655.7	25405.6	20038.6	15562.6	11567.9	8332.5	5301.2	2844.2	1632.5	1214.5
10°	52260.9	39126.0	28993.2	22442.6	17401.8	12955.7	9405.7	6120.7	3302.3	1811.1	1294.5
7.5°	58989.7	43274.8	31865.3	24238.0	18947.6	14237.9	10244.4	6693.6	3593.1	1962.6	1360.4
5°	63216.1	46293.4	33932.9	25249.8	19994.8	15292.3	10989.8	7089.4	3735.3	2084.6	1413.3
2.5°	65445.0	47959.8	35263.9	25756.7	20570.0	15981.7	11577.0	7363.7	3821.2	2135.1	1433.1
0°	67184.4	48714.9	35364.9	25864.4	20666.5	16104.6	11932.5	7497.5	3845.7	2142.9	1443.5
-2.5°	65785.4	48007.3	35031.4	25548.0	20353.8	15829.3	11805.1	7701.8	3960.7	2174.3	1451.7
-5°	61819.6	45319.2	32818.6	24016.9	19129.8	14928.4	11170.5	7444.0	3920.7	2156.2	1449.8
-7.5°	55994.4	40958.3	29662.3	22051.0	17526.6	13669.4	10170.1	6743.9	3668.6	2043.1	1408.4
-10°	47653.2	35096.9	25508.6	19559.0	15551.7	12209.8	9050.8	5932.7	3314.3	1897.3	1358.2
-12.5°	39481.7	28924.9	21108.1	16598.7	13142.8	10333.6	7705.4	5015.7	2858.1	1720.6	1300.0
-15°	30497.1	22908.8	17929.5	14083.5	10841.9	8516.7	6307.2	3997.7	2307.5	1522.6	1234.3
-17.5°	24801.7	18527.5	15062.5	12131.2	9401.0	6935.5	5064.8	3288.0	1969.0	1383.0	1186.7
-20°	20521.4	16667.1	13335.2	10641.9	8267.6	6052.7	4068.5	2584.0	1715.5	1326.0	1153.1



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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°	18255.9	15134.4	12134.9	9410.1	7183.0	5126.2	3346.9	2046.6	1444.8	1266.7	1112.9
-25°	15966.3	13432.6	10787.5	8277.4	6031.2	4036.1	2549.1	1763.5	1382.7	1211.3	1065.6
-27.5°	13382.1	11211.3	9140.3	6817.8	4708.4	3070.2	2020.6	1502.3	1328.2	1168.9	1010.0
-30°	10692.6	8910.2	7082.6	5141.5	3493.5	2263.7	1649.2	1435.0	1274.6	1120.2	959.3
-32.5°	8315.6	6715.6	5084.3	3626.4	2451.9	1815.5	1540.6	1364.7	1217.4	1058.1	930.9
-35°	6158.3	4696.3	3370.7	2492.5	1879.8	1639.8	1464.0	1306.7	1143.0	998.3	904.6
-37.5°	3992.8	2963.2	2356.4	1862.1	1704.0	1545.1	1392.5	1226.1	1062.6	962.8	875.7
-40°	2574.3	2035.4	1868.4	1721.3	1586.2	1457.8	1290.6	1127.5	1026.1	924.5	844.1
-42.5°	1981.7	1845.9	1717.5	1594.6	1468.0	1321.9	1182.5	1087.0	989.9	895.3	824.1
-45°	1803.2	1692.7	1577.3	1453.7	1321.6	1221.2	1137.4	1046.1	953.9	878.0	809.8
-47.5°	1638.4	1529.0	1417.7	1326.9	1240.8	1159.6	1083.3	1004.2	931.8	859.1	755.1
-50°	1461.8	1386.4	1311.7	1239.2	1165.9	1093.3	1033.4	978.4	894.5	793.2	688.5
-52.5°	1341.1	1277.7	1214.4	1151.3	1099.4	1047.5	992.6	908.8	816.6	709.0	601.0
-55°	1229.4	1181.4	1138.3	1095.8	1046.7	970.7	893.4	806.8	709.2	606.2	508.3
-57.5°	1156.9	1107.4	1047.3	988.1	930.1	848.0	758.5	672.1	590.6	499.4	411.5
-60°	1011.2	953.5	891.2	825.3	756.3	681.9	608.3	535.8	464.7	391.1	318.0
-62.5°	810.1	748.5	694.4	638.9	581.2	520.8	459.8	401.5	342.4	282.6	234.2
-65°	598.8	551.0	504.9	461.9	417.0	370.1	320.1	278.0	240.2	200.6	161.1
-67.5°	406.4	371.3	335.9	303.2	276.5	248.5	217.7	185.1	161.0	140.9	119.3
-70°	257.8	236.1	214.5	193.1	175.9	161.1	144.7	127.6	110.8	94.9	78.3
-72.5°	156.7	144.9	133.6	122.7	111.1	100.4	89.0	76.7	63.9	50.7	41.2
-75°	87.5	81.0	73.8	66.1	57.5	48.1	42.9	39.6	36.0	32.1	28.1
-77.5°	44.5	41.6	38.7	36.3	33.9	31.6	29.2	26.4	24.3	22.4	20.6
-80°	27.7	26.4	25.1	24.3	23.4	22.4	21.1	19.6	18.1	16.8	15.8
-82.5°	20.1	19.2	18.4	17.5	16.6	15.6	14.6	13.8	13.1	12.5	11.8
-85°	13.3	12.7	12.0	11.5	10.9	10.4	9.9	9.5	9.0	8.5	7.9
-87.5°	8.3	7.8	7.3	7.2	7.1	7.0	6.8	6.3	5.9	5.4	5.0
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9
80°	2.8	2.4	2.1	1.9	2.0	1.9	1.9	1.9	2.2	2.2	2.2
77.5°	3.1	2.7	2.2	2.0	2.3	2.4	2.3	2.2	2.4	2.6	2.6
75°	3.1	2.6	2.2	2.1	2.5	2.9	3.0	2.9	2.8	2.9	3.0
72.5°	3.5	3.1	2.5	2.1	2.6	3.0	3.4	3.6	3.3	3.2	3.4
70°	5.7	4.1	3.4	3.0	2.9	3.1	3.5	3.7	3.7	3.5	3.5
67.5°	9.4	7.1	5.2	3.9	3.4	3.4	3.6	3.7	3.7	3.7	3.6
65°	13.4	10.2	7.3	5.4	4.2	3.6	3.7	3.7	3.7	3.7	3.7
62.5°	17.7	13.5	10.1	7.0	5.0	4.0	3.7	3.7	3.7	3.7	3.7
60°	22.3	16.8	12.8	9.3	6.2	4.2	3.7	3.7	3.7	3.7	3.7
57.5°	27.3	19.7	15.2	11.5	8.1	5.0	3.7	3.7	3.7	3.7	3.7
55°	30.5	23.1	17.8	13.4	9.7	6.4	4.2	3.7	3.7	3.7	3.7
52.5°	29.1	25.0	20.7	15.3	11.1	7.8	5.7	3.7	3.7	3.7	3.7
50°	25.2	24.6	22.2	17.6	12.4	9.5	7.1	4.9	3.7	3.7	3.7
47.5°	22.7	23.5	22.4	19.3	14.2	11.2	8.7	6.1	3.7	3.7	3.7
45°	21.6	22.0	22.2	19.9	16.4	13.2	10.4	7.3	4.8	3.8	3.7
42.5°	22.3	22.4	21.3	20.7	18.4	15.1	12.1	8.8	5.8	3.9	3.8
40°	30.2	25.1	21.6	22.2	20.6	16.9	13.7	10.4	6.8	4.3	3.9
37.5°	41.4	33.2	25.6	27.8	24.0	19.2	15.1	12.0	8.0	5.3	4.1
35°	69.5	46.5	42.9	40.7	31.9	21.8	16.4	13.5	9.5	6.2	4.3
32.5°	105.7	81.5	77.2	61.8	42.5	24.7	18.3	14.8	10.9	7.1	4.6
30°	174.8	153.6	122.9	88.6	58.6	34.7	21.5	16.4	12.2	7.9	5.0
27.5°	287.5	239.8	182.5	130.8	84.3	47.7	26.3	18.3	13.5	8.8	5.7
25°	411.2	344.8	265.6	183.5	113.7	74.1	31.9	20.5	14.9	9.9	6.3
22.5°	547.9	458.3	358.0	242.8	162.7	107.9	45.7	24.9	16.5	10.8	6.9
20°	690.3	576.7	453.4	303.9	218.6	150.2	70.4	29.7	18.2	11.7	7.5
17.5°	837.2	681.3	524.5	371.2	272.4	194.4	98.9	34.7	19.9	12.5	8.0
15°	936.7	762.5	591.9	432.8	321.0	239.8	130.1	39.9	21.7	13.2	8.6
12.5°	1016.5	839.7	655.2	488.7	364.7	285.7	163.2	45.2	23.5	14.5	9.4
10°	1087.7	912.2	713.9	539.0	404.2	331.4	196.9	50.8	26.7	16.1	10.2
7.5°	1150.7	979.0	767.5	583.7	436.5	363.8	218.5	56.5	30.0	17.8	11.0
5°	1199.5	1027.8	802.8	603.8	447.1	380.4	234.7	61.9	33.3	19.4	11.8
2.5°	1214.1	1050.6	824.3	615.9	455.7	393.4	247.1	66.7	36.3	21.0	12.5
0°	1221.6	1064.9	839.3	622.9	462.5	402.8	255.5	70.9	39.2	22.4	13.1
-2.5°	1227.9	1069.5	847.2	635.5	476.5	410.2	269.5	91.4	52.9	30.1	16.6
-5°	1227.8	1066.2	848.3	643.2	488.3	414.6	279.8	110.8	66.0	37.5	19.9
-7.5°	1202.9	1042.8	837.0	645.8	497.7	416.5	286.8	128.9	78.2	44.3	23.0
-10°	1167.6	1004.8	812.3	641.9	509.5	422.5	291.9	145.3	89.1	50.4	25.8
-12.5°	1126.6	961.3	786.3	636.2	521.0	432.4	299.7	159.7	98.5	55.5	28.3
-15°	1080.2	913.0	760.9	629.5	531.6	440.6	303.6	171.6	105.8	59.8	30.4
-17.5°	1033.8	860.5	737.3	622.7	541.7	447.4	303.7	180.3	111.2	63.0	32.4
-20°	995.9	827.9	717.8	616.5	551.6	453.1	299.8	185.7	114.6	65.0	34.1



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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°	952.5	814.3	710.7	621.4	557.9	458.0	292.1	187.3	115.9	65.7	35.3
-25°	905.8	799.9	703.2	626.4	558.7	445.7	287.0	185.0	114.8	65.0	35.8
-27.5°	878.8	785.8	693.9	627.6	548.5	428.8	283.6	183.4	112.3	62.8	35.6
-30°	860.5	772.9	690.1	621.8	534.3	398.2	274.8	178.7	109.6	61.4	34.7
-32.5°	841.9	758.6	684.0	603.1	502.8	366.0	257.4	170.6	104.9	60.2	33.9
-35°	820.6	744.4	671.9	579.7	464.0	341.1	237.2	159.2	98.0	58.0	32.8
-37.5°	796.1	729.6	641.8	545.0	424.1	312.1	218.3	145.1	89.0	54.7	31.0
-40°	780.2	705.4	609.1	500.5	386.7	279.2	196.0	130.9	82.6	50.3	28.6
-42.5°	761.8	664.9	562.3	454.7	346.4	250.6	171.2	114.5	75.4	46.3	25.6
-45°	712.6	614.2	507.0	403.5	303.2	218.3	150.7	97.5	67.1	42.1	22.8
-47.5°	654.1	548.6	446.8	348.2	262.7	185.0	127.7	87.1	58.0	37.0	20.7
-50°	577.5	478.3	382.4	296.4	217.6	156.6	105.7	75.8	50.5	30.6	18.3
-52.5°	498.5	403.8	320.4	243.9	180.4	125.6	91.8	63.8	42.1	25.9	15.5
-55°	414.4	333.1	259.7	197.3	143.0	105.2	76.9	53.1	33.0	22.0	12.6
-57.5°	334.2	263.5	205.8	152.9	115.0	87.0	62.4	41.4	27.2	17.9	12.0
-60°	254.0	203.4	153.9	120.3	92.8	68.7	47.8	31.2	22.2	14.2	11.2
-62.5°	187.5	147.1	120.2	93.8	71.1	51.0	34.0	25.4	17.1	13.1	10.3
-65°	136.5	112.5	89.3	69.1	50.1	35.2	27.2	19.4	14.9	12.0	9.4
-67.5°	97.9	79.2	61.9	44.7	34.7	27.2	20.2	16.3	13.4	10.7	8.4
-70°	62.1	47.1	39.0	32.2	25.4	19.6	17.0	14.3	11.7	9.6	7.5
-72.5°	36.9	32.1	27.1	21.8	19.5	17.1	14.7	12.4	10.4	8.5	6.5
-75°	24.1	22.1	20.5	18.8	16.7	14.5	12.6	11.0	9.1	7.3	5.8
-77.5°	19.3	18.1	17.0	15.5	13.6	11.9	10.6	9.5	7.9	6.5	5.2
-80°	14.9	13.9	12.7	11.4	10.2	9.3	8.7	8.0	6.7	5.6	4.6
-82.5°	10.8	9.9	9.0	8.3	7.9	7.4	7.0	6.5	5.6	4.7	4.1
-85°	7.4	6.9	6.5	6.1	5.9	5.6	5.5	5.3	4.8	4.3	4.0
-87.5°	5.0	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.2	4.0	3.8
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	1.9	2.0	2.1	2.1	2.1	2.8	3.7
85°	1.9	2.1	2.2	2.3	2.2	2.9	3.7
82.5°	1.9	2.2	2.4	2.4	2.4	2.9	3.7
80°	2.0	2.3	2.5	2.6	2.5	3.0	3.7
77.5°	2.5	2.5	2.7	2.8	2.7	3.0	3.7
75°	2.9	2.8	2.9	3.0	2.9	3.1	3.7
72.5°	3.3	3.1	3.0	3.2	3.0	3.1	3.7
70°	3.7	3.3	3.2	3.3	3.2	3.1	3.7
67.5°	3.7	3.6	3.3	3.4	3.3	3.2	3.7
65°	3.7	3.7	3.5	3.5	3.4	3.2	3.7
62.5°	3.7	3.7	3.6	3.5	3.6	3.3	3.7
60°	3.7	3.7	3.7	3.6	3.7	3.3	3.7
57.5°	3.7	3.7	3.7	3.6	3.7	3.3	3.7
55°	3.7	3.7	3.7	3.6	3.7	3.4	3.7
52.5°	3.7	3.7	3.7	3.7	3.7	3.4	3.7
50°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
47.5°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
45°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
42.5°	3.7	3.7	3.7	3.7	3.7	3.5	3.7
40°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
37.5°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
35°	3.7	3.7	3.7	3.7	3.7	3.6	3.7
32.5°	3.8	3.7	3.7	3.7	3.7	3.6	3.7
30°	4.0	3.7	3.7	3.7	3.7	3.6	3.7
27.5°	4.2	3.7	3.7	3.7	3.7	3.7	3.7
25°	4.4	3.7	3.7	3.7	3.7	3.7	3.7
22.5°	4.6	3.7	3.7	3.7	3.7	3.7	3.7
20°	4.9	3.9	3.7	3.7	3.7	3.7	3.7
17.5°	5.2	4.0	3.7	3.7	3.7	3.7	3.7
15°	5.6	4.2	3.7	3.7	3.7	3.7	3.7
12.5°	6.0	4.5	3.7	3.7	3.7	3.7	3.7
10°	6.3	4.7	3.7	3.7	3.7	3.7	3.7
7.5°	6.6	4.9	3.7	3.7	3.7	3.7	3.7
5°	6.9	5.2	3.7	3.7	3.7	3.7	3.7
2.5°	7.2	5.4	3.7	3.7	3.7	3.7	3.7
0°	7.5	5.6	3.7	3.7	3.7	3.7	3.7
-2.5°	9.2	6.2	3.9	3.7	3.7	3.7	3.7
-5°	10.9	6.8	4.0	3.7	3.7	3.7	3.7
-7.5°	12.5	7.3	4.2	3.7	3.7	3.7	3.7
-10°	13.9	7.8	4.3	3.7	3.7	3.7	3.7
-12.5°	15.1	8.2	4.5	3.7	3.7	3.7	3.7
-15°	16.2	8.5	4.6	3.7	3.7	3.7	3.7
-17.5°	17.0	8.8	4.6	3.7	3.7	3.7	3.7
-20°	17.7	8.9	4.7	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.4	8.9	4.7	3.7	3.7	3.7	3.7
-25°	18.7	9.0	4.7	3.7	3.7	3.7	3.7
-27.5°	18.6	9.0	4.7	3.7	3.7	3.7	3.7
-30°	18.1	8.8	4.6	3.7	3.7	3.7	3.7
-32.5°	17.2	8.5	4.7	3.7	3.7	3.7	3.7
-35°	16.5	7.9	4.7	3.7	3.7	3.7	3.7
-37.5°	15.9	7.5	4.7	3.7	3.7	3.7	3.7
-40°	14.9	7.5	4.6	3.7	3.7	3.7	3.7
-42.5°	13.7	7.4	4.7	3.7	3.7	3.7	3.7
-45°	12.3	7.3	4.7	3.8	3.7	3.7	3.7
-47.5°	10.6	7.1	4.8	3.8	3.7	3.7	3.7
-50°	10.0	6.9	4.8	3.8	3.7	3.7	3.7
-52.5°	9.6	6.6	4.7	3.9	3.7	3.7	3.7
-55°	9.2	6.4	4.7	3.9	3.7	3.7	3.7
-57.5°	8.7	6.2	4.5	3.9	3.7	3.7	3.7
-60°	8.1	5.9	4.4	3.8	3.7	3.7	3.7
-62.5°	7.6	5.5	4.3	3.8	3.7	3.7	3.7
-65°	7.0	5.1	4.2	3.8	3.7	3.7	3.7
-67.5°	6.3	4.8	4.1	3.8	3.7	3.7	3.7
-70°	5.5	4.6	4.0	3.7	3.7	3.7	3.7
-72.5°	5.1	4.3	3.9	3.7	3.7	3.7	3.7
-75°	4.7	4.1	3.7	3.7	3.7	3.7	3.7
-77.5°	4.2	3.8	3.7	3.7	3.7	3.7	3.7
-80°	3.8	3.7	3.7	3.7	3.7	3.7	3.7
-82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-90°	1.9	1.9	1.9	1.9	1.9	2.8	3.7

(END OF REPORT)