

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: P1305481 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-80-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

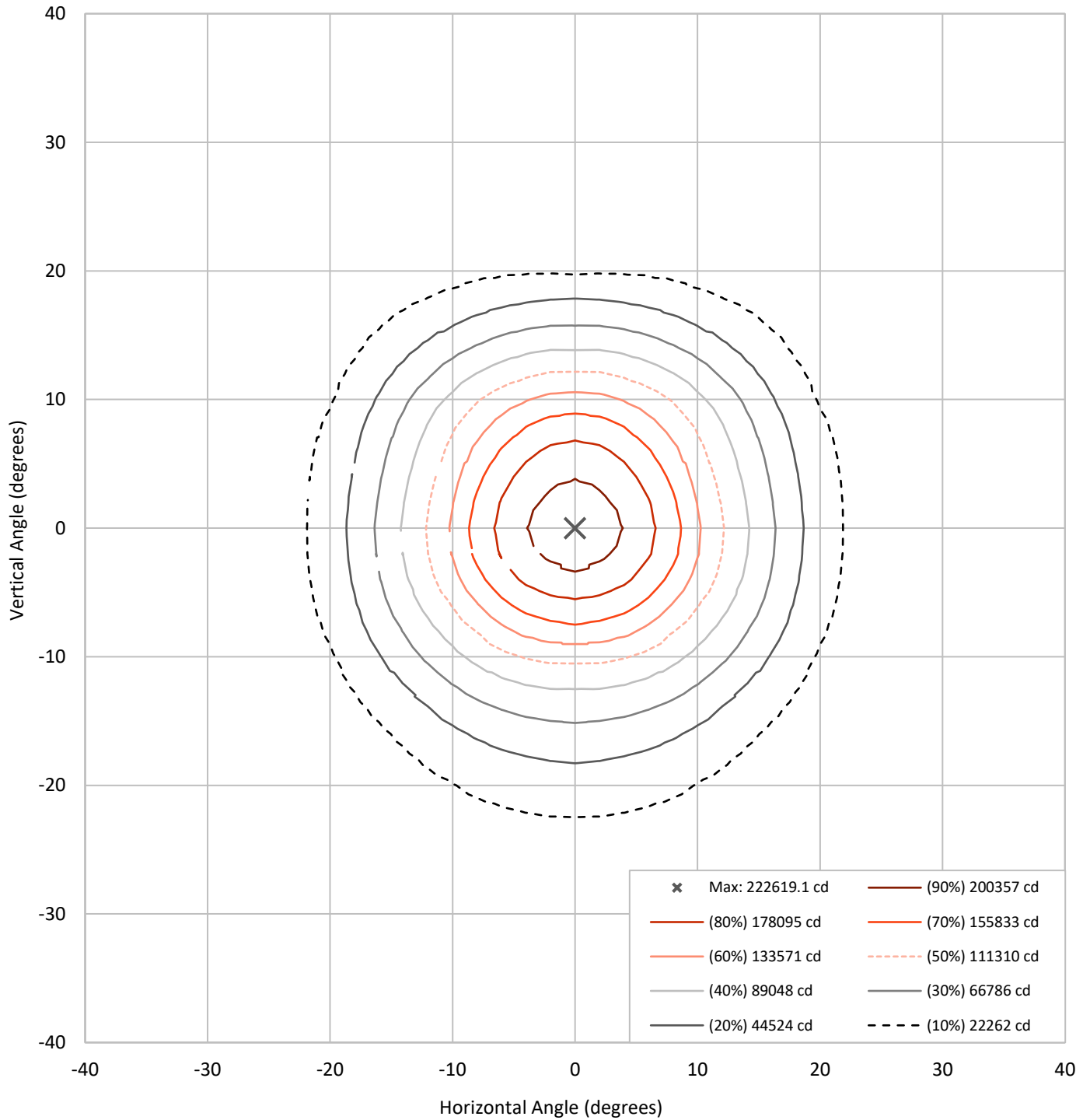
Test Method: LM-79-08
Report Number: P1305481 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-80-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S 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:	46139.6 lumens	Max Intensity:	222619.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	21757 lumens	Field Lumens:	39304.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
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





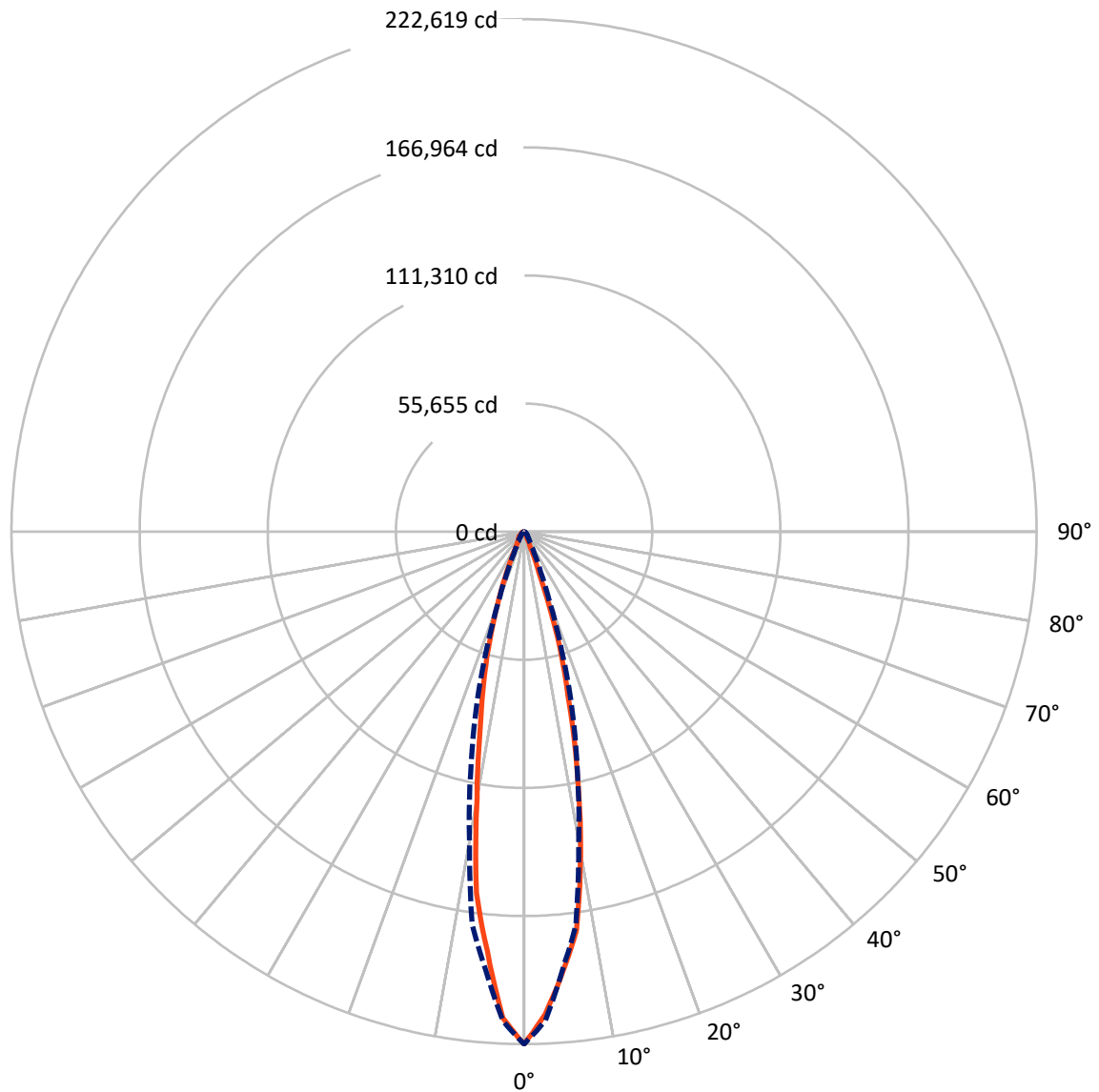
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Lumen Table

90	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1							
80	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1							
70	0.1	0.0	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.0	0.1			
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1				
50	0.1	0.1	0.4	0.4	0.4	0.7	1.2	0.8	0.8	1.2	0.7	0.4	0.4	0.4	0.1	0.1			
40		0.2	0.8	1.8	3.2	4.7	6.4	7.7	7.7	6.4	4.7	3.2	1.8	0.8	0.2				
30	0.1	0.4	3.1	9.8	22.8	37.9	77.8	149.8	149.8	77.8	37.9	22.8	9.8	3.1	0.4	0.1			
20		1.0	6.7	25.1	60.7	160.6	884.2	2086.7	2086.7	884.2	160.6	60.7	25.1	6.7	1.0				
10	0.2	1.5	8.9	33.3	78.0	342.5	2119.8	4971.4	4971.4	2119.8	342.5	78.0	33.3	8.9	1.5	0.2			
0		1.8	9.6	33.9	78.2	339.2	2082.8	4764.2	4764.2	2082.8	339.2	78.2	33.9	9.6	1.8				
-10	0.4	2.1	9.1	28.1	61.5	161.9	844.4	1905.9	1905.9	844.4	161.9	61.5	28.1	9.1	2.1	0.4			
-20		2.3	8.4	21.1	52.4	91.8	210.1	429.6	429.6	210.1	91.8	52.4	21.1	8.4	2.3				
-30	0.3	2.0	7.2	16.0	38.7	75.9	106.6	130.9	130.9	106.6	75.9	38.7	16.0	7.2	2.0	0.3			
-40		1.4	5.5	12.6	23.5	41.7	68.2	87.4	87.4	68.2	41.7	23.5	12.6	5.5	1.4				
-50	0.2	0.7	3.4	8.4	16.0	24.7	33.0	38.2	38.2	33.0	24.7	16.0	8.4	3.4	0.7	0.2			
-60		0.3	1.2	3.7	7.5	11.8	16.2	18.6	18.6	16.2	11.8	7.5	3.7	1.2	0.3				
-70	0.1	0.7	2.4	6.1	8.2	6.1	2.4	0.7	0.1							0.1			
-80		0.1	0.7	2.4	6.1	8.2	6.1	2.4	0.7	0.1									
-90	0.1	0.7	2.4	6.1	8.2	6.1	2.4	0.7	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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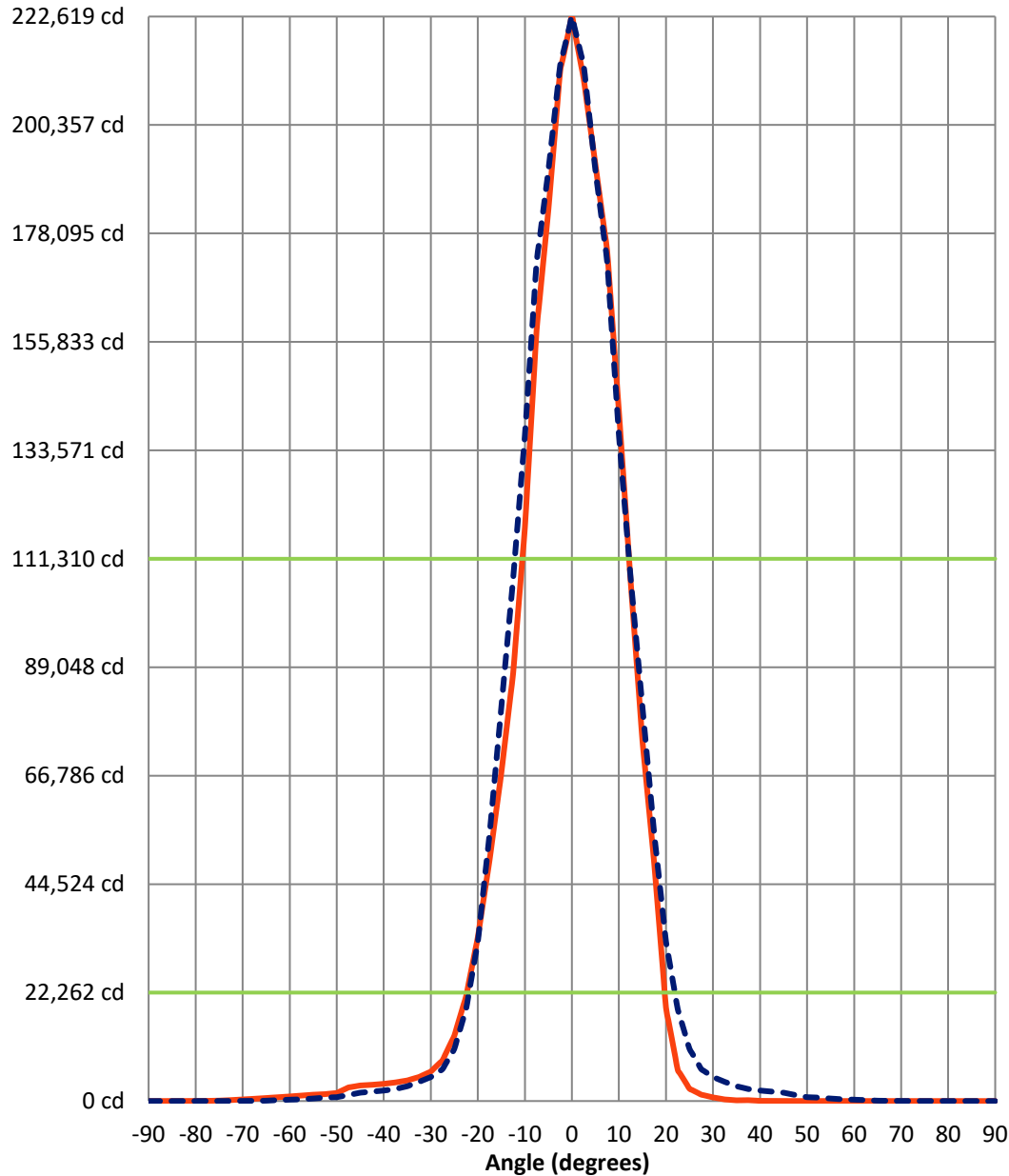
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 21757
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 39304.9
Efficiency: 85.2%

Spill:
Lumens: 6834.7
Efficiency: 14.8%

— 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°	2.3	2.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	2.3	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
85°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.4	2.6	2.6	2.6	2.5	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.5	2.7	2.7	2.7	2.6	2.4	2.5	2.5	2.5	2.3
77.5°	2.3	2.5	2.8	2.8	2.8	2.7	2.6	2.7	2.7	2.6	2.4
75°	2.3	2.6	2.9	3.0	2.9	2.8	2.9	3.0	2.9	2.7	2.4
72.5°	2.3	2.6	3.0	3.1	3.0	3.0	3.2	3.2	2.9	2.7	2.4
70°	2.3	2.7	3.1	3.2	3.1	3.2	3.4	3.2	3.0	2.7	2.8
67.5°	2.3	2.7	3.1	3.2	3.2	3.3	3.4	3.3	3.0	3.0	3.1
65°	2.3	2.8	3.2	3.3	3.3	3.4	3.4	3.3	3.2	3.2	3.4
62.5°	2.3	2.8	3.3	3.3	3.3	3.4	3.4	3.3	3.3	3.4	3.5
60°	2.3	2.8	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.6	3.7
57.5°	2.3	2.9	3.4	3.3	3.4	3.4	3.4	3.4	3.6	3.9	3.9
55°	2.3	2.9	3.4	3.4	3.4	3.4	3.5	3.5	3.9	4.1	4.2
52.5°	2.3	3.0	3.4	3.4	3.4	3.4	3.6	3.7	4.2	4.5	4.5
50°	2.3	3.0	3.4	3.4	3.4	3.5	3.7	4.1	4.5	4.8	6.0
47.5°	2.3	3.0	3.4	3.4	3.4	3.6	3.9	4.4	4.9	5.2	7.5
45°	2.3	3.1	3.4	3.4	3.4	3.7	4.1	4.7	5.3	6.4	8.8
42.5°	2.3	3.1	3.4	3.4	3.4	3.9	4.4	5.0	5.6	7.5	11.4
40°	2.3	3.1	3.4	3.4	3.5	4.0	4.6	5.3	6.1	8.4	14.1
37.5°	2.3	3.2	3.4	3.4	3.6	4.2	4.9	5.6	6.9	9.7	16.6
35°	2.3	3.2	3.4	3.4	3.7	4.4	5.1	5.9	7.6	12.0	18.7
32.5°	2.3	3.2	3.4	3.4	3.8	4.5	5.4	6.2	8.2	14.3	20.5
30°	2.3	3.3	3.4	3.4	3.9	4.7	5.6	6.5	8.7	16.6	22.5
27.5°	2.3	3.3	3.4	3.4	4.0	4.9	5.8	6.9	9.7	18.9	24.4
25°	2.3	3.3	3.4	3.4	4.1	5.1	6.0	7.3	11.5	20.7	26.5
22.5°	2.3	3.3	3.4	3.4	4.2	5.2	6.2	7.7	13.2	22.3	30.2
20°	2.3	3.3	3.4	3.4	4.2	5.3	6.4	8.0	14.9	23.9	34.2
17.5°	2.3	3.3	3.4	3.4	4.3	5.4	6.5	8.3	16.4	25.5	38.3
15°	2.3	3.4	3.4	3.4	4.3	5.5	6.7	8.6	17.9	27.0	42.6
12.5°	2.3	3.4	3.4	3.4	4.4	5.6	7.0	9.1	19.5	28.4	46.9
10°	2.3	3.4	3.4	3.4	4.4	5.6	7.2	9.6	21.4	30.7	51.7
7.5°	2.3	3.4	3.4	3.4	4.5	5.6	7.4	10.0	23.1	33.1	57.7
5°	2.3	3.4	3.4	3.4	4.5	5.7	7.6	10.5	24.6	35.4	63.4
2.5°	2.3	3.4	3.4	3.4	4.5	5.7	7.7	10.9	26.0	37.6	68.7
0°	2.3	3.4	3.4	3.4	4.5	5.7	7.9	11.3	27.1	39.6	73.5
-2.5°	2.3	3.4	3.4	3.6	4.7	6.2	9.2	14.8	33.3	49.8	86.6
-5°	2.3	3.4	3.5	3.7	4.9	6.7	10.5	18.2	39.2	59.5	98.8
-7.5°	2.3	3.4	3.5	3.8	5.1	7.1	11.8	21.4	44.6	68.7	110.1
-10°	2.3	3.4	3.6	4.0	5.2	7.5	12.8	24.2	49.3	77.0	120.2
-12.5°	2.3	3.4	3.6	4.1	5.4	7.9	13.8	26.7	53.4	84.5	130.5
-15°	2.3	3.4	3.7	4.2	5.6	8.2	14.6	28.7	57.0	91.2	139.5
-17.5°	2.3	3.4	3.7	4.4	5.7	8.5	15.2	30.6	60.1	96.9	146.5
-20°	2.3	3.3	3.7	4.5	5.8	8.7	15.7	32.2	62.2	101.3	151.1



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 CATALOG NUMBER: EPH-08-320L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.3	3.3	3.8	4.6	5.9	8.8	16.3	33.1	63.3	104.5	153.1
-25°	2.3	3.3	3.8	4.6	6.0	8.9	16.4	33.3	63.1	106.2	152.5
-27.5°	2.3	3.3	3.8	4.7	6.1	8.9	16.2	32.6	61.6	106.3	154.0
-30°	2.3	3.3	3.8	4.8	6.2	8.9	15.5	31.2	60.2	104.4	153.7
-32.5°	2.3	3.3	3.8	4.8	6.3	8.7	14.4	30.1	58.5	100.8	151.5
-35°	2.3	3.3	3.8	4.8	6.3	8.5	13.8	28.8	55.5	95.4	147.2
-37.5°	2.3	3.2	3.8	4.8	6.3	8.2	13.5	26.8	51.2	88.2	137.9
-40°	2.3	3.2	3.8	4.8	6.3	8.2	13.0	24.1	45.7	81.5	126.2
-42.5°	2.3	3.2	3.8	4.8	6.2	8.1	12.3	20.8	41.1	72.9	112.8
-45°	2.3	3.2	3.7	4.7	6.1	8.0	11.5	18.1	36.4	62.9	98.3
-47.5°	2.3	3.2	3.7	4.7	6.1	7.9	10.5	16.8	30.8	51.8	85.6
-50°	2.3	3.2	3.6	4.6	5.9	7.7	10.1	15.4	24.2	44.1	71.4
-52.5°	2.3	3.1	3.6	4.5	5.8	7.4	9.7	13.7	20.6	35.7	56.4
-55°	2.3	3.1	3.5	4.4	5.7	7.2	9.3	12.0	18.3	26.6	46.0
-57.5°	2.3	3.1	3.5	4.3	5.5	7.0	8.8	11.4	15.8	22.3	34.9
-60°	2.3	3.1	3.4	4.2	5.3	6.7	8.3	10.7	13.6	19.3	25.7
-62.5°	2.3	3.1	3.4	4.1	5.1	6.4	7.9	10.0	12.7	16.1	22.0
-65°	2.3	3.1	3.4	3.9	4.9	6.1	7.5	9.3	11.7	14.5	18.2
-67.5°	2.3	3.0	3.4	3.8	4.7	5.8	7.1	8.7	10.7	13.2	15.9
-70°	2.3	3.0	3.4	3.7	4.5	5.5	6.7	8.2	10.0	11.9	14.4
-72.5°	2.3	3.0	3.4	3.6	4.2	5.1	6.2	7.6	9.2	11.0	12.9
-75°	2.3	3.0	3.4	3.6	4.0	4.7	5.6	6.9	8.4	9.9	11.6
-77.5°	2.3	3.0	3.4	3.6	3.9	4.3	5.1	6.2	7.5	8.9	10.4
-80°	2.3	2.9	3.4	3.5	3.8	4.1	4.5	5.5	6.6	7.8	9.0
-82.5°	2.3	2.9	3.4	3.5	3.7	3.9	4.2	4.9	5.7	6.6	7.7
-85°	2.3	2.9	3.4	3.5	3.6	3.8	4.0	4.4	4.9	5.5	6.3
-87.5°	2.3	2.9	3.4	3.4	3.5	3.6	3.7	3.9	4.2	4.5	4.8
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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 CATALOG NUMBER: EPH-08-320L-40-80-3S-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	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	2.0	1.7	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	2.0	1.7	1.5	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1
82.5°	2.1	2.0	2.0	2.0	1.9	1.7	1.4	1.3	1.3	1.3	1.2
80°	2.3	2.3	2.3	2.3	2.2	2.1	2.0	2.1	2.0	1.8	1.6
77.5°	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.8	2.8	2.7	2.6
75°	2.3	2.3	2.4	2.3	2.4	2.7	3.0	3.3	3.3	3.2	3.2
72.5°	2.5	2.6	2.6	2.4	2.6	3.0	3.3	3.4	4.1	5.0	5.6
70°	2.9	3.0	2.9	3.0	3.2	3.7	4.8	6.4	8.0	9.1	10.7
67.5°	3.3	3.2	3.2	3.5	4.3	5.6	7.4	11.4	15.8	17.6	18.4
65°	3.4	3.4	3.7	4.4	5.6	8.9	13.3	18.5	23.9	25.1	25.0
62.5°	3.4	3.6	4.2	5.9	9.0	13.2	18.9	24.7	30.5	29.5	26.0
60°	3.5	3.7	5.7	9.0	12.8	18.4	24.7	27.8	29.6	29.4	25.3
57.5°	3.7	5.0	8.4	12.6	18.0	22.9	24.9	26.7	27.8	28.7	23.8
55°	4.6	7.2	11.6	17.2	21.6	22.6	23.7	24.4	25.3	23.5	18.2
52.5°	6.6	9.8	15.5	20.5	22.4	22.2	21.1	21.2	19.6	17.1	14.4
50°	8.5	13.5	19.0	22.1	23.0	21.2	18.2	17.3	15.7	13.7	11.8
47.5°	11.5	17.2	21.1	23.6	23.0	20.6	17.1	15.0	13.3	12.8	11.0
45°	14.7	19.7	23.4	24.5	23.3	20.2	17.3	13.6	14.4	14.2	14.1
42.5°	17.7	21.8	24.9	25.8	23.3	21.2	18.7	17.8	17.7	20.0	21.5
40°	19.7	23.8	26.7	27.0	24.2	23.7	25.4	26.5	25.5	29.3	32.5
37.5°	21.5	25.9	29.5	30.9	27.3	30.1	34.4	46.3	47.5	40.6	52.0
35°	23.2	28.3	35.0	40.3	40.1	40.4	58.7	76.8	85.2	74.6	84.5
32.5°	25.2	31.1	42.7	56.5	67.8	69.7	89.5	126.3	143.6	144.3	142.9
30°	28.2	38.4	54.7	77.3	106.1	134.0	149.1	189.5	217.3	264.8	300.9
27.5°	32.3	47.7	74.8	112.6	158.0	213.3	247.0	270.4	338.9	427.8	523.6
25°	37.0	66.7	98.1	157.8	234.9	305.2	348.2	376.3	495.9	672.3	795.7
22.5°	47.3	91.0	132.1	209.3	321.8	400.8	446.2	536.9	722.3	959.1	1105.2
20°	65.1	120.8	172.0	256.1	410.7	498.8	541.7	721.6	1007.9	1250.7	1451.9
17.5°	85.6	150.8	211.7	311.0	460.6	574.1	647.0	919.4	1312.2	1530.3	1760.7
15°	108.1	180.8	246.9	359.8	508.8	618.7	776.5	1157.8	1590.4	1798.7	2036.5
12.5°	132.0	210.4	278.2	402.6	556.3	659.9	892.4	1327.9	1734.1	2016.1	2324.5
10°	156.4	239.3	305.7	439.5	602.0	697.8	1001.2	1469.7	1810.1	2075.3	2435.2
7.5°	171.5	259.2	328.3	470.8	645.1	732.5	1100.6	1584.1	1864.0	2110.3	2450.3
5°	182.4	268.8	339.4	492.1	675.1	760.0	1181.7	1672.4	1899.0	2124.3	2423.5
2.5°	190.5	276.3	348.8	508.0	693.6	778.9	1219.8	1706.4	1922.2	2141.4	2427.5
0°	195.7	281.6	356.3	519.2	705.8	795.2	1239.7	1718.2	1936.5	2155.9	2468.1
-2.5°	202.6	289.4	368.2	530.6	708.9	798.8	1242.6	1713.6	1944.6	2190.6	2512.0
-5°	207.2	294.9	377.7	537.0	706.6	799.2	1227.0	1689.1	1932.8	2182.1	2495.1
-7.5°	209.9	298.4	384.5	537.5	694.5	787.2	1173.7	1612.1	1866.5	2100.4	2408.0
-10°	212.2	303.2	390.9	528.4	671.2	766.1	1098.6	1520.8	1792.8	2008.2	2297.1
-12.5°	219.3	309.8	395.7	517.3	647.2	742.3	1006.8	1417.8	1713.4	1907.1	2177.6
-15°	224.3	315.1	398.5	505.3	624.0	716.1	898.8	1305.6	1652.9	1870.4	2102.4
-17.5°	227.2	319.3	399.5	493.0	602.8	687.5	780.2	1201.4	1604.7	1850.5	2064.7
-20°	228.1	322.8	398.8	481.5	584.1	670.5	753.8	1075.0	1486.8	1818.9	2031.4



REPORT NUMBER: P1305481 (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°	226.9	325.6	397.8	476.2	572.1	662.8	743.8	935.3	1331.2	1773.2	1988.8
-25°	226.3	321.7	397.6	468.8	558.5	653.5	733.3	804.7	1156.1	1597.6	1931.6
-27.5°	224.8	315.7	389.6	457.0	541.5	640.6	721.0	791.4	994.9	1398.0	1841.7
-30°	219.8	299.6	378.6	442.2	524.3	618.6	707.1	781.7	857.8	1194.3	1608.2
-32.5°	208.4	282.0	360.6	427.9	502.9	593.2	687.4	764.6	841.8	965.3	1357.9
-35°	196.4	265.5	339.4	410.1	477.1	563.9	653.9	741.7	818.5	899.3	1090.9
-37.5°	187.1	247.3	317.4	387.8	454.4	530.7	616.8	705.6	788.4	871.8	966.1
-40°	175.8	227.6	295.4	362.9	429.4	498.2	577.7	661.7	748.4	844.4	932.8
-42.5°	162.4	212.9	272.3	337.3	401.7	467.8	536.4	615.9	706.6	808.1	901.7
-45°	145.6	196.1	248.6	309.5	371.8	434.7	500.0	568.8	659.7	756.7	856.1
-47.5°	126.9	176.6	227.3	279.3	339.1	399.8	460.8	530.3	607.2	697.4	794.1
-50°	107.4	153.4	202.9	251.0	303.8	362.1	420.9	487.9	560.3	635.4	720.1
-52.5°	89.5	128.1	174.3	222.0	269.4	321.1	378.5	441.0	508.0	579.5	649.2
-55°	70.2	104.7	143.0	188.4	235.2	281.3	330.6	387.9	449.6	514.9	580.1
-57.5°	54.5	80.4	113.4	151.3	195.6	241.4	285.3	331.0	385.0	443.6	500.6
-60°	40.9	59.4	84.4	116.5	152.1	194.4	238.1	280.4	323.3	366.5	417.0
-62.5°	28.4	42.7	60.1	82.3	112.8	145.9	184.2	224.5	265.3	302.5	339.4
-65°	23.8	28.6	40.6	56.8	74.0	102.0	132.6	164.8	200.7	232.8	265.9
-67.5°	19.1	23.5	27.8	34.3	49.1	65.2	82.6	109.8	137.8	160.9	184.6
-70°	16.7	18.6	22.1	26.0	29.7	36.2	50.4	65.5	80.6	95.6	115.0
-72.5°	14.7	16.3	18.1	20.0	23.0	26.2	29.3	32.5	41.0	52.5	63.1
-75°	12.9	14.0	15.4	16.9	18.4	19.9	21.5	24.1	26.7	29.3	32.0
-77.5°	11.3	12.1	13.0	14.0	15.1	16.3	17.5	18.7	19.8	20.8	22.0
-80°	9.7	10.2	10.8	11.5	12.2	13.0	13.9	14.8	15.5	16.2	16.9
-82.5°	8.1	8.5	8.9	9.2	9.6	9.9	10.3	10.9	11.4	11.9	12.3
-85°	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.4	8.6	8.8
-87.5°	5.1	5.4	5.6	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3
-90°	2.0	1.7	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.5	4.8	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.5	1.4	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.1	1.1	1.1
75°	3.3	3.4	3.4	3.2	2.9	2.7	2.5	2.3	2.1	2.1	2.2
72.5°	6.0	6.0	5.8	5.7	5.3	5.2	5.2	5.2	5.0	5.1	5.3
70°	11.6	11.9	11.6	10.9	9.7	8.8	8.3	7.7	6.8	6.7	7.1
67.5°	18.2	17.4	16.4	15.0	13.0	11.3	10.4	9.5	8.7	8.5	8.7
65°	23.2	19.7	17.3	15.3	13.7	12.0	10.9	9.9	8.8	8.2	8.1
62.5°	22.4	18.4	15.7	13.9	12.4	11.1	9.7	8.4	7.2	6.4	6.4
60°	21.0	16.6	13.1	11.4	10.1	9.1	7.9	6.9	6.2	5.7	5.8
57.5°	17.9	13.1	10.0	9.2	8.3	7.3	6.5	6.1	5.8	5.7	5.7
55°	13.8	11.0	9.2	8.2	7.2	6.3	5.7	5.9	5.9	5.7	5.9
52.5°	11.3	9.7	8.5	7.5	7.1	6.8	6.7	6.7	6.8	7.0	7.2
50°	10.2	9.1	8.5	7.8	7.8	7.8	7.8	8.1	8.5	8.6	8.5
47.5°	10.3	9.8	10.3	8.9	9.2	10.1	10.1	10.2	10.9	11.1	11.0
45°	13.0	15.6	15.7	14.4	13.7	16.7	16.9	15.3	23.4	23.0	17.4
42.5°	23.1	24.6	24.7	26.1	28.9	38.0	54.9	70.1	72.4	63.7	43.7
40°	37.3	36.0	38.9	46.6	69.1	89.7	105.2	151.6	151.2	118.4	119.2
37.5°	60.7	59.4	63.7	87.3	94.6	81.8	115.1	118.4	101.4	120.8	122.5
35°	104.5	118.5	103.3	128.2	129.5	115.8	124.2	138.7	118.2	141.5	151.5
32.5°	190.5	215.2	217.5	215.6	228.4	240.9	233.6	268.6	274.9	298.2	323.7
30°	309.5	357.0	393.2	386.2	407.5	444.9	457.2	510.7	564.0	597.0	678.0
27.5°	539.4	563.3	637.7	690.0	677.9	739.0	860.2	897.7	1050.6	1123.9	1229.3
25°	854.0	896.6	1002.6	1126.9	1180.0	1282.4	1479.3	1573.6	1774.4	1877.0	2263.6
22.5°	1243.9	1388.0	1521.0	1688.0	1927.6	2131.1	2350.0	2718.0	3315.8	4174.8	5200.2
20°	1689.1	1930.6	2131.7	2440.2	2837.3	3220.1	3786.4	5419.2	7153.4	10770.6	13228.2
17.5°	2110.3	2493.6	2774.6	3184.2	3770.9	4729.0	6679.8	10329.6	16065.7	23072.8	29761.6
15°	2438.9	2830.8	3351.5	3969.8	4866.0	6740.9	10304.3	17518.4	28454.6	39131.9	50366.3
12.5°	2716.6	3131.1	3701.8	4539.5	5879.8	9249.9	15656.9	26524.0	40940.6	56835.8	73630.6
10°	2895.4	3398.6	4082.2	5188.5	7415.7	12203.8	20533.0	35095.2	54473.6	75226.3	93893.2
7.5°	2926.8	3540.9	4406.8	5752.4	8939.8	15285.2	26332.8	43463.4	64686.8	88060.2	111569.9
5°	2939.4	3673.4	4681.1	6195.4	9986.8	17514.1	29673.9	48824.6	72390.3	96395.2	121697.1
2.5°	2972.9	3803.5	4882.4	6505.3	10590.7	18843.3	31604.7	52665.0	77526.6	103593.0	131803.2
0°	3042.7	3939.7	4926.0	6558.2	10717.3	18871.4	32718.4	54865.5	80876.5	107212.1	136636.8
-2.5°	3080.5	3922.2	4889.3	6450.5	10554.1	18874.4	31648.1	53334.5	79129.6	104824.7	134476.3
-5°	3015.5	3747.1	4663.1	6125.3	9840.1	17365.0	29521.8	49381.3	73190.1	96292.9	120136.8
-7.5°	2876.1	3500.6	4341.6	5663.6	8733.0	15025.4	25678.6	41985.9	62203.3	82287.9	100864.3
-10°	2713.7	3239.4	3929.1	4993.4	7168.4	11880.5	20092.1	32923.2	50288.9	67530.6	83207.4
-12.5°	2538.4	2947.8	3458.5	4194.6	5548.6	8970.5	15227.3	25061.6	37069.4	50076.3	64315.6
-15°	2388.6	2690.4	3077.5	3704.4	4737.3	6682.9	10221.4	16765.7	25376.2	35572.9	46069.5
-17.5°	2287.9	2512.3	2849.4	3327.6	3962.5	5118.1	7679.1	11559.2	17099.5	24731.0	31663.4
-20°	2215.6	2426.7	2694.2	3070.7	3602.4	4417.2	5670.3	8344.6	11990.3	16936.7	21642.3



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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°	2164.1	2354.0	2580.0	2883.1	3357.9	3994.6	4794.5	6092.4	8388.4	11305.3	14576.6
-25°	2113.3	2270.8	2520.2	2846.0	3172.4	3628.0	4180.8	4818.1	6041.2	7338.1	9346.1
-27.5°	2055.3	2250.2	2528.8	2833.1	3127.2	3353.3	3745.8	4185.3	4833.0	5459.9	6491.6
-30°	2013.1	2262.2	2539.4	2832.0	3058.5	3258.4	3477.8	3813.7	4232.8	4675.9	5150.2
-32.5°	1802.7	2225.2	2509.6	2771.9	2959.3	3145.0	3339.5	3572.5	3840.4	4121.1	4409.2
-35°	1520.7	1970.7	2412.0	2617.6	2807.5	2994.8	3197.6	3386.4	3575.4	3765.3	3946.1
-37.5°	1175.2	1616.1	2033.1	2392.3	2610.3	2801.0	3017.2	3210.9	3376.7	3519.4	3658.6
-40°	1026.6	1180.6	1583.9	1962.0	2279.3	2581.6	2785.3	2999.9	3184.8	3316.3	3434.6
-42.5°	985.7	1072.5	1161.8	1451.8	1802.2	2112.8	2389.2	2657.7	2911.8	3094.7	3235.4
-45°	950.3	1023.6	1100.2	1185.7	1271.1	1543.5	1830.8	2120.0	2419.1	2686.9	2903.7
-47.5°	884.6	973.5	1048.9	1119.7	1187.6	1265.1	1345.2	1460.4	1722.8	1990.7	2234.9
-50°	803.5	886.8	970.9	1054.6	1117.5	1177.0	1237.9	1306.6	1383.0	1461.1	1526.9
-52.5°	715.2	791.8	869.4	943.2	1013.7	1082.1	1149.0	1209.6	1266.5	1321.5	1353.8
-55°	643.4	704.8	765.9	829.2	893.4	956.0	1018.1	1080.8	1141.1	1198.8	1231.0
-57.5°	559.8	620.9	679.4	727.6	777.5	828.4	881.5	935.5	988.4	1037.7	1065.4
-60°	468.9	521.9	572.6	619.4	665.5	710.7	754.3	797.1	838.2	873.9	895.7
-62.5°	377.4	420.6	462.6	502.5	541.2	579.2	620.0	658.7	695.0	724.4	742.5
-65°	299.5	332.4	361.6	390.3	418.5	451.1	485.8	518.6	549.5	573.5	589.3
-67.5°	212.1	240.4	267.2	292.8	316.2	339.5	364.1	388.2	411.4	429.4	442.1
-70°	133.6	151.5	169.2	188.0	208.6	229.0	249.3	268.1	285.2	298.1	307.8
-72.5°	72.8	81.4	90.4	103.8	116.6	130.3	144.3	157.5	169.8	178.5	184.9
-75°	34.6	38.4	45.4	51.6	57.0	63.1	69.1	74.7	79.8	82.5	84.0
-77.5°	23.7	25.6	27.3	28.9	30.3	32.1	34.0	35.9	37.8	39.1	40.0
-80°	17.6	18.4	19.2	20.0	20.8	21.6	22.4	23.1	23.8	24.4	24.9
-82.5°	12.7	13.2	13.5	13.9	14.2	14.8	15.4	15.9	16.4	16.8	17.3
-85°	9.0	9.2	9.4	9.6	9.8	10.1	10.4	10.7	11.1	11.1	11.2
-87.5°	6.4	6.7	7.0	7.4	7.7	7.7	7.8	7.8	7.8	7.8	7.9
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6



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 CATALOG NUMBER: EPH-08-320L-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	5.7	5.7	6.3	6.8	6.3	5.7	5.7	5.7	5.7	5.7	5.7
87.5°	0.3	0.0	0.5	1.1	0.5	0.0	0.3	0.6	0.8	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.7	2.3	1.7	1.1	1.1	1.1	1.1	1.1	1.4
75°	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.3
72.5°	5.5	5.6	5.7	5.7	5.7	5.6	5.5	5.3	5.1	5.0	5.2
70°	7.4	7.8	7.9	7.9	7.9	7.8	7.4	7.1	6.7	6.8	7.7
67.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.7	8.5	8.7	9.5
65°	8.0	7.9	7.4	6.8	7.4	7.9	8.0	8.1	8.2	8.8	9.9
62.5°	6.6	6.8	6.8	6.8	6.8	6.8	6.6	6.4	6.4	7.2	8.4
60°	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.8	5.7	6.2	6.9
57.5°	5.7	5.7	6.1	6.8	6.1	5.7	5.7	5.7	5.7	5.8	6.1
55°	6.3	6.6	6.8	6.8	6.8	6.6	6.3	5.9	5.7	5.9	5.9
52.5°	7.1	6.9	6.8	6.8	6.8	6.9	7.1	7.2	7.0	6.8	6.7
50°	8.2	8.0	7.9	7.9	7.9	8.0	8.2	8.5	8.6	8.5	8.1
47.5°	10.8	10.4	10.2	10.2	10.2	10.4	10.8	11.0	11.1	10.9	10.2
45°	17.8	17.9	17.9	18.1	17.9	17.9	17.8	17.4	23.0	23.4	15.3
42.5°	42.0	36.3	31.4	31.7	31.4	36.3	42.0	43.7	63.7	72.4	70.1
40°	107.5	80.4	53.5	45.2	53.5	80.4	107.5	119.2	118.4	151.2	151.6
37.5°	110.7	112.9	132.8	178.7	132.8	112.9	110.7	122.5	120.8	101.4	118.4
35°	154.6	157.0	151.5	148.2	151.5	157.0	154.6	151.5	141.5	118.2	138.7
32.5°	328.8	343.4	341.6	332.5	341.6	343.4	328.8	323.7	298.2	274.9	268.6
30°	708.2	745.3	741.3	748.8	741.3	745.3	708.2	678.0	597.0	564.0	510.7
27.5°	1271.1	1316.9	1325.3	1315.5	1325.3	1316.9	1271.1	1229.3	1123.9	1050.6	897.7
25°	2523.2	2595.6	2569.2	2534.8	2569.2	2595.6	2523.2	2263.6	1877.0	1774.4	1573.6
22.5°	6399.0	6685.6	6656.1	6414.5	6656.1	6685.6	6399.0	5200.2	4174.8	3315.8	2718.0
20°	17580.9	19472.7	20296.0	19180.2	20296.0	19472.7	17580.9	13228.2	10770.6	7153.4	5419.2
17.5°	37212.3	42976.3	47074.6	48784.7	47074.6	42976.3	37212.3	29761.6	23072.8	16065.7	10329.6
15°	60869.9	69546.4	74592.5	73914.5	74592.5	69546.4	60869.9	50366.3	39131.9	28454.6	17518.4
12.5°	87528.0	97811.7	106334.2	106514.8	106334.2	97811.7	87528.0	73630.6	56835.8	40940.6	26524.0
10°	113313.1	127585.9	139218.1	141472.3	139218.1	127585.9	113313.1	93893.2	75226.3	54473.6	35095.2
7.5°	132657.7	154537.8	169139.5	174489.9	169139.5	154537.8	132657.7	111569.9	88060.2	64686.8	43463.4
5°	151774.8	174701.8	189580.0	192219.4	189580.0	174701.8	151774.8	121697.1	96395.2	72390.3	48824.6
2.5°	164669.0	187796.1	200815.8	209846.6	200815.8	187796.1	164669.0	131803.2	103593.0	77526.6	52665.0
0°	172222.0	191065.7	212609.3	222619.1	212609.3	191065.7	172222.0	136636.8	107212.1	80876.5	54865.5
-2.5°	166511.3	187710.1	200044.2	211418.8	200044.2	187710.1	166511.3	134476.3	104824.7	79129.6	53334.5
-5°	147598.3	170653.1	181549.7	182971.5	181549.7	170653.1	147598.3	120136.8	96292.9	73190.1	49381.3
-7.5°	120605.2	142071.0	152532.8	158308.2	152532.8	142071.0	120605.2	100864.3	82287.9	62203.3	41985.9
-10°	97631.1	110158.1	117200.9	117664.7	117200.9	110158.1	97631.1	83207.4	67530.6	50288.9	32923.2
-12.5°	75376.4	83779.1	87944.4	87792.1	87944.4	83779.1	75376.4	64315.6	50076.3	37069.4	25061.6
-15°	55312.4	61840.5	65597.7	67399.4	65597.7	61840.5	55312.4	46069.5	35572.9	25376.2	16765.7
-17.5°	39041.3	44227.3	47992.2	49513.1	47992.2	44227.3	39041.3	31663.4	24731.0	17099.5	11559.2
-20°	26615.7	30170.0	32612.5	33649.3	32612.5	30170.0	26615.7	21642.3	16936.7	11990.3	8344.6



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17531.5	19914.2	21588.9	21499.0	21588.9	19914.2	17531.5	14576.6	11305.3	8388.4	6092.4
-25°	11176.1	12486.2	13346.4	13416.1	13346.4	12486.2	11176.1	9346.1	7338.1	6041.2	4818.1
-27.5°	7397.0	7973.0	8320.1	8380.4	8320.1	7973.0	7397.0	6491.6	5459.9	4833.0	4185.3
-30°	5598.6	5863.6	6062.0	6053.7	6062.0	5863.6	5598.6	5150.2	4675.9	4232.8	3813.7
-32.5°	4654.3	4784.7	4871.6	4941.8	4871.6	4784.7	4654.3	4409.2	4121.1	3840.4	3572.5
-35°	4070.2	4136.6	4185.1	4229.2	4185.1	4136.6	4070.2	3946.1	3765.3	3575.4	3386.4
-37.5°	3738.7	3784.6	3815.0	3825.4	3815.0	3784.6	3738.7	3658.6	3519.4	3376.7	3210.9
-40°	3479.7	3505.7	3521.0	3530.2	3521.0	3505.7	3479.7	3434.6	3316.3	3184.8	2999.9
-42.5°	3285.5	3321.0	3339.4	3339.0	3339.4	3321.0	3285.5	3235.4	3094.7	2911.8	2657.7
-45°	3028.0	3117.8	3172.3	3195.4	3172.3	3117.8	3028.0	2903.7	2686.9	2419.1	2120.0
-47.5°	2435.1	2605.6	2725.3	2788.2	2725.3	2605.6	2435.1	2234.9	1990.7	1722.8	1460.4
-50°	1586.1	1643.1	1667.1	1657.1	1667.1	1643.1	1586.1	1526.9	1461.1	1383.0	1306.6
-52.5°	1377.8	1398.3	1410.7	1416.1	1410.7	1398.3	1377.8	1353.8	1321.5	1266.5	1209.6
-55°	1258.1	1280.8	1295.5	1303.0	1295.5	1280.8	1258.1	1231.0	1198.8	1141.1	1080.8
-57.5°	1088.5	1106.8	1118.0	1123.2	1118.0	1106.8	1088.5	1065.4	1037.7	988.4	935.5
-60°	914.2	929.3	939.2	944.5	939.2	929.3	914.2	895.7	873.9	838.2	797.1
-62.5°	757.2	768.3	778.1	785.0	778.1	768.3	757.2	742.5	724.4	695.0	658.7
-65°	602.2	612.1	619.2	623.2	619.2	612.1	602.2	589.3	573.5	549.5	518.6
-67.5°	452.6	460.7	467.3	471.7	467.3	460.7	452.6	442.1	429.4	411.4	388.2
-70°	315.7	321.6	327.4	331.4	327.4	321.6	315.7	307.8	298.1	285.2	268.1
-72.5°	190.0	193.8	195.5	195.7	195.5	193.8	190.0	184.9	178.5	169.8	157.5
-75°	84.8	85.0	86.8	88.2	86.8	85.0	84.8	84.0	82.5	79.8	74.7
-77.5°	40.9	41.6	42.4	43.0	42.4	41.6	40.9	40.0	39.1	37.8	35.9
-80°	25.4	25.9	26.0	26.0	26.0	25.9	25.4	24.9	24.4	23.8	23.1
-82.5°	17.6	18.0	18.1	18.1	18.1	18.0	17.6	17.3	16.8	16.4	15.9
-85°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.2	11.1	11.1	10.7
-87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.7	5.7	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3
80°	1.1	1.1	1.1	1.3	1.4	1.4	1.5	1.6	1.8	2.0	2.1
77.5°	1.6	1.7	1.8	2.0	2.1	2.3	2.5	2.6	2.7	2.8	2.8
75°	2.5	2.7	2.9	3.2	3.4	3.4	3.3	3.2	3.2	3.3	3.3
72.5°	5.2	5.2	5.3	5.7	5.8	6.0	6.0	5.6	5.0	4.1	3.4
70°	8.3	8.8	9.7	10.9	11.6	11.9	11.6	10.7	9.1	8.0	6.4
67.5°	10.4	11.3	13.0	15.0	16.4	17.4	18.2	18.4	17.6	15.8	11.4
65°	10.9	12.0	13.7	15.3	17.3	19.7	23.2	25.0	25.1	23.9	18.5
62.5°	9.7	11.1	12.4	13.9	15.7	18.4	22.4	26.0	29.5	30.5	24.7
60°	7.9	9.1	10.1	11.4	13.1	16.6	21.0	25.3	29.4	29.6	27.8
57.5°	6.5	7.3	8.3	9.2	10.0	13.1	17.9	23.8	28.7	27.8	26.7
55°	5.7	6.3	7.2	8.2	9.2	11.0	13.8	18.2	23.5	25.3	24.4
52.5°	6.7	6.8	7.1	7.5	8.5	9.7	11.3	14.4	17.1	19.6	21.2
50°	7.8	7.8	7.8	7.8	8.5	9.1	10.2	11.8	13.7	15.7	17.3
47.5°	10.1	10.1	9.2	8.9	10.3	9.8	10.3	11.0	12.8	13.3	15.0
45°	16.9	16.7	13.7	14.4	15.7	15.6	13.0	14.1	14.2	14.4	13.6
42.5°	54.9	38.0	28.9	26.1	24.7	24.6	23.1	21.5	20.0	17.7	17.8
40°	105.2	89.7	69.1	46.6	38.9	36.0	37.3	32.5	29.3	25.5	26.5
37.5°	115.1	81.8	94.6	87.3	63.7	59.4	60.7	52.0	40.6	47.5	46.3
35°	124.2	115.8	129.5	128.2	103.3	118.5	104.5	84.5	74.6	85.2	76.8
32.5°	233.6	240.9	228.4	215.6	217.5	215.2	190.5	142.9	144.3	143.6	126.3
30°	457.2	444.9	407.5	386.2	393.2	357.0	309.5	300.9	264.8	217.3	189.5
27.5°	860.2	739.0	677.9	690.0	637.7	563.3	539.4	523.6	427.8	338.9	270.4
25°	1479.3	1282.4	1180.0	1126.9	1002.6	896.6	854.0	795.7	672.3	495.9	376.3
22.5°	2350.0	2131.1	1927.6	1688.0	1521.0	1388.0	1243.9	1105.2	959.1	722.3	536.9
20°	3786.4	3220.1	2837.3	2440.2	2131.7	1930.6	1689.1	1451.9	1250.7	1007.9	721.6
17.5°	6679.8	4729.0	3770.9	3184.2	2774.6	2493.6	2110.3	1760.7	1530.3	1312.2	919.4
15°	10304.3	6740.9	4866.0	3969.8	3351.5	2830.8	2438.9	2036.5	1798.7	1590.4	1157.8
12.5°	15656.9	9249.9	5879.8	4539.5	3701.8	3131.1	2716.6	2324.5	2016.1	1734.1	1327.9
10°	20533.0	12203.8	7415.7	5188.5	4082.2	3398.6	2895.4	2435.2	2075.3	1810.1	1469.7
7.5°	26332.8	15285.2	8939.8	5752.4	4406.8	3540.9	2926.8	2450.3	2110.3	1864.0	1584.1
5°	29673.9	17514.1	9986.8	6195.4	4681.1	3673.4	2939.4	2423.5	2124.3	1899.0	1672.4
2.5°	31604.7	18843.3	10590.7	6505.3	4882.4	3803.5	2972.9	2427.5	2141.4	1922.2	1706.4
0°	32718.4	18871.4	10717.3	6558.2	4926.0	3939.7	3042.7	2468.1	2155.9	1936.5	1718.2
-2.5°	31648.1	18874.4	10554.1	6450.5	4889.3	3922.2	3080.5	2512.0	2190.6	1944.6	1713.6
-5°	29521.8	17365.0	9840.1	6125.3	4663.1	3747.1	3015.5	2495.1	2182.1	1932.8	1689.1
-7.5°	25678.6	15025.4	8733.0	5663.6	4341.6	3500.6	2876.1	2408.0	2100.4	1866.5	1612.1
-10°	20092.1	11880.5	7168.4	4993.4	3929.1	3239.4	2713.7	2297.1	2008.2	1792.8	1520.8
-12.5°	15227.3	8970.5	5548.6	4194.6	3458.5	2947.8	2538.4	2177.6	1907.1	1713.4	1417.8
-15°	10221.4	6682.9	4737.3	3704.4	3077.5	2690.4	2388.6	2102.4	1870.4	1652.9	1305.6
-17.5°	7679.1	5118.1	3962.5	3327.6	2849.4	2512.3	2287.9	2064.7	1850.5	1604.7	1201.4
-20°	5670.3	4417.2	3602.4	3070.7	2694.2	2426.7	2215.6	2031.4	1818.9	1486.8	1075.0



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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°	4794.5	3994.6	3357.9	2883.1	2580.0	2354.0	2164.1	1988.8	1773.2	1331.2	935.3
-25°	4180.8	3628.0	3172.4	2846.0	2520.2	2270.8	2113.3	1931.6	1597.6	1156.1	804.7
-27.5°	3745.8	3353.3	3127.2	2833.1	2528.8	2250.2	2055.3	1841.7	1398.0	994.9	791.4
-30°	3477.8	3258.4	3058.5	2832.0	2539.4	2262.2	2013.1	1608.2	1194.3	857.8	781.7
-32.5°	3339.5	3145.0	2959.3	2771.9	2509.6	2225.2	1802.7	1357.9	965.3	841.8	764.6
-35°	3197.6	2994.8	2807.5	2617.6	2412.0	1970.7	1520.7	1090.9	899.3	818.5	741.7
-37.5°	3017.2	2801.0	2610.3	2392.3	2033.1	1616.1	1175.2	966.1	871.8	788.4	705.6
-40°	2785.3	2581.6	2279.3	1962.0	1583.9	1180.6	1026.6	932.8	844.4	748.4	661.7
-42.5°	2389.2	2112.8	1802.2	1451.8	1161.8	1072.5	985.7	901.7	808.1	706.6	615.9
-45°	1830.8	1543.5	1271.1	1185.7	1100.2	1023.6	950.3	856.1	756.7	659.7	568.8
-47.5°	1345.2	1265.1	1187.6	1119.7	1048.9	973.5	884.6	794.1	697.4	607.2	530.3
-50°	1237.9	1177.0	1117.5	1054.6	970.9	886.8	803.5	720.1	635.4	560.3	487.9
-52.5°	1149.0	1082.1	1013.7	943.2	869.4	791.8	715.2	649.2	579.5	508.0	441.0
-55°	1018.1	956.0	893.4	829.2	765.9	704.8	643.4	580.1	514.9	449.6	387.9
-57.5°	881.5	828.4	777.5	727.6	679.4	620.9	559.8	500.6	443.6	385.0	331.0
-60°	754.3	710.7	665.5	619.4	572.6	521.9	468.9	417.0	366.5	323.3	280.4
-62.5°	620.0	579.2	541.2	502.5	462.6	420.6	377.4	339.4	302.5	265.3	224.5
-65°	485.8	451.1	418.5	390.3	361.6	332.4	299.5	265.9	232.8	200.7	164.8
-67.5°	364.1	339.5	316.2	292.8	267.2	240.4	212.1	184.6	160.9	137.8	109.8
-70°	249.3	229.0	208.6	188.0	169.2	151.5	133.6	115.0	95.6	80.6	65.5
-72.5°	144.3	130.3	116.6	103.8	90.4	81.4	72.8	63.1	52.5	41.0	32.5
-75°	69.1	63.1	57.0	51.6	45.4	38.4	34.6	32.0	29.3	26.7	24.1
-77.5°	34.0	32.1	30.3	28.9	27.3	25.6	23.7	22.0	20.8	19.8	18.7
-80°	22.4	21.6	20.8	20.0	19.2	18.4	17.6	16.9	16.2	15.5	14.8
-82.5°	15.4	14.8	14.2	13.9	13.5	13.2	12.7	12.3	11.9	11.4	10.9
-85°	10.4	10.1	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2
-87.5°	7.8	7.7	7.7	7.4	7.0	6.7	6.4	6.3	6.3	6.2	6.1
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.4	3.4	3.4
87.5°	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.3	2.3	2.3
85°	1.2	1.3	1.3	1.3	1.5	1.7	2.0	2.3	2.3	2.3	2.3
82.5°	1.4	1.7	1.9	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.3
80°	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.5	2.5	2.5
77.5°	2.6	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.7	2.7
75°	3.0	2.7	2.4	2.3	2.4	2.3	2.3	2.4	2.7	2.9	3.0
72.5°	3.3	3.0	2.6	2.4	2.6	2.6	2.5	2.4	2.7	2.9	3.2
70°	4.8	3.7	3.2	3.0	2.9	3.0	2.9	2.8	2.7	3.0	3.2
67.5°	7.4	5.6	4.3	3.5	3.2	3.2	3.3	3.1	3.0	3.0	3.3
65°	13.3	8.9	5.6	4.4	3.7	3.4	3.4	3.4	3.2	3.2	3.3
62.5°	18.9	13.2	9.0	5.9	4.2	3.6	3.4	3.5	3.4	3.3	3.3
60°	24.7	18.4	12.8	9.0	5.7	3.7	3.5	3.7	3.6	3.4	3.4
57.5°	24.9	22.9	18.0	12.6	8.4	5.0	3.7	3.9	3.9	3.6	3.4
55°	23.7	22.6	21.6	17.2	11.6	7.2	4.6	4.2	4.1	3.9	3.5
52.5°	21.1	22.2	22.4	20.5	15.5	9.8	6.6	4.5	4.5	4.2	3.7
50°	18.2	21.2	23.0	22.1	19.0	13.5	8.5	6.0	4.8	4.5	4.1
47.5°	17.1	20.6	23.0	23.6	21.1	17.2	11.5	7.5	5.2	4.9	4.4
45°	17.3	20.2	23.3	24.5	23.4	19.7	14.7	8.8	6.4	5.3	4.7
42.5°	18.7	21.2	23.3	25.8	24.9	21.8	17.7	11.4	7.5	5.6	5.0
40°	25.4	23.7	24.2	27.0	26.7	23.8	19.7	14.1	8.4	6.1	5.3
37.5°	34.4	30.1	27.3	30.9	29.5	25.9	21.5	16.6	9.7	6.9	5.6
35°	58.7	40.4	40.1	40.3	35.0	28.3	23.2	18.7	12.0	7.6	5.9
32.5°	89.5	69.7	67.8	56.5	42.7	31.1	25.2	20.5	14.3	8.2	6.2
30°	149.1	134.0	106.1	77.3	54.7	38.4	28.2	22.5	16.6	8.7	6.5
27.5°	247.0	213.3	158.0	112.6	74.8	47.7	32.3	24.4	18.9	9.7	6.9
25°	348.2	305.2	234.9	157.8	98.1	66.7	37.0	26.5	20.7	11.5	7.3
22.5°	446.2	400.8	321.8	209.3	132.1	91.0	47.3	30.2	22.3	13.2	7.7
20°	541.7	498.8	410.7	256.1	172.0	120.8	65.1	34.2	23.9	14.9	8.0
17.5°	647.0	574.1	460.6	311.0	211.7	150.8	85.6	38.3	25.5	16.4	8.3
15°	776.5	618.7	508.8	359.8	246.9	180.8	108.1	42.6	27.0	17.9	8.6
12.5°	892.4	659.9	556.3	402.6	278.2	210.4	132.0	46.9	28.4	19.5	9.1
10°	1001.2	697.8	602.0	439.5	305.7	239.3	156.4	51.7	30.7	21.4	9.6
7.5°	1100.6	732.5	645.1	470.8	328.3	259.2	171.5	57.7	33.1	23.1	10.0
5°	1181.7	760.0	675.1	492.1	339.4	268.8	182.4	63.4	35.4	24.6	10.5
2.5°	1219.8	778.9	693.6	508.0	348.8	276.3	190.5	68.7	37.6	26.0	10.9
0°	1239.7	795.2	705.8	519.2	356.3	281.6	195.7	73.5	39.6	27.1	11.3
-2.5°	1242.6	798.8	708.9	530.6	368.2	289.4	202.6	86.6	49.8	33.3	14.8
-5°	1227.0	799.2	706.6	537.0	377.7	294.9	207.2	98.8	59.5	39.2	18.2
-7.5°	1173.7	787.2	694.5	537.5	384.5	298.4	209.9	110.1	68.7	44.6	21.4
-10°	1098.6	766.1	671.2	528.4	390.9	303.2	212.2	120.2	77.0	49.3	24.2
-12.5°	1006.8	742.3	647.2	517.3	395.7	309.8	219.3	130.5	84.5	53.4	26.7
-15°	898.8	716.1	624.0	505.3	398.5	315.1	224.3	139.5	91.2	57.0	28.7
-17.5°	780.2	687.5	602.8	493.0	399.5	319.3	227.2	146.5	96.9	60.1	30.6
-20°	753.8	670.5	584.1	481.5	398.8	322.8	228.1	151.1	101.3	62.2	32.2



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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°	743.8	662.8	572.1	476.2	397.8	325.6	226.9	153.1	104.5	63.3	33.1
-25°	733.3	653.5	558.5	468.8	397.6	321.7	226.3	152.5	106.2	63.1	33.3
-27.5°	721.0	640.6	541.5	457.0	389.6	315.7	224.8	154.0	106.3	61.6	32.6
-30°	707.1	618.6	524.3	442.2	378.6	299.6	219.8	153.7	104.4	60.2	31.2
-32.5°	687.4	593.2	502.9	427.9	360.6	282.0	208.4	151.5	100.8	58.5	30.1
-35°	653.9	563.9	477.1	410.1	339.4	265.5	196.4	147.2	95.4	55.5	28.8
-37.5°	616.8	530.7	454.4	387.8	317.4	247.3	187.1	137.9	88.2	51.2	26.8
-40°	577.7	498.2	429.4	362.9	295.4	227.6	175.8	126.2	81.5	45.7	24.1
-42.5°	536.4	467.8	401.7	337.3	272.3	212.9	162.4	112.8	72.9	41.1	20.8
-45°	500.0	434.7	371.8	309.5	248.6	196.1	145.6	98.3	62.9	36.4	18.1
-47.5°	460.8	399.8	339.1	279.3	227.3	176.6	126.9	85.6	51.8	30.8	16.8
-50°	420.9	362.1	303.8	251.0	202.9	153.4	107.4	71.4	44.1	24.2	15.4
-52.5°	378.5	321.1	269.4	222.0	174.3	128.1	89.5	56.4	35.7	20.6	13.7
-55°	330.6	281.3	235.2	188.4	143.0	104.7	70.2	46.0	26.6	18.3	12.0
-57.5°	285.3	241.4	195.6	151.3	113.4	80.4	54.5	34.9	22.3	15.8	11.4
-60°	238.1	194.4	152.1	116.5	84.4	59.4	40.9	25.7	19.3	13.6	10.7
-62.5°	184.2	145.9	112.8	82.3	60.1	42.7	28.4	22.0	16.1	12.7	10.0
-65°	132.6	102.0	74.0	56.8	40.6	28.6	23.8	18.2	14.5	11.7	9.3
-67.5°	82.6	65.2	49.1	34.3	27.8	23.5	19.1	15.9	13.2	10.7	8.7
-70°	50.4	36.2	29.7	26.0	22.1	18.6	16.7	14.4	11.9	10.0	8.2
-72.5°	29.3	26.2	23.0	20.0	18.1	16.3	14.7	12.9	11.0	9.2	7.6
-75°	21.5	19.9	18.4	16.9	15.4	14.0	12.9	11.6	9.9	8.4	6.9
-77.5°	17.5	16.3	15.1	14.0	13.0	12.1	11.3	10.4	8.9	7.5	6.2
-80°	13.9	13.0	12.2	11.5	10.8	10.2	9.7	9.0	7.8	6.6	5.5
-82.5°	10.3	9.9	9.6	9.2	8.9	8.5	8.1	7.7	6.6	5.7	4.9
-85°	8.0	7.8	7.5	7.3	7.1	6.8	6.6	6.3	5.5	4.9	4.4
-87.5°	6.1	6.0	5.9	5.8	5.6	5.4	5.1	4.8	4.5	4.2	3.9
-90°	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.4	3.4	3.4	3.4	3.4	2.8	2.3
87.5°	2.3	2.4	2.4	2.4	2.4	2.3	2.3
85°	2.3	2.4	2.5	2.5	2.5	2.4	2.3
82.5°	2.3	2.5	2.6	2.6	2.6	2.4	2.3
80°	2.4	2.6	2.7	2.7	2.7	2.5	2.3
77.5°	2.6	2.7	2.8	2.8	2.8	2.5	2.3
75°	2.9	2.8	2.9	3.0	2.9	2.6	2.3
72.5°	3.2	3.0	3.0	3.1	3.0	2.6	2.3
70°	3.4	3.2	3.1	3.2	3.1	2.7	2.3
67.5°	3.4	3.3	3.2	3.2	3.1	2.7	2.3
65°	3.4	3.4	3.3	3.3	3.2	2.8	2.3
62.5°	3.4	3.4	3.3	3.3	3.3	2.8	2.3
60°	3.4	3.4	3.4	3.3	3.4	2.8	2.3
57.5°	3.4	3.4	3.4	3.3	3.4	2.9	2.3
55°	3.5	3.4	3.4	3.4	3.4	2.9	2.3
52.5°	3.6	3.4	3.4	3.4	3.4	3.0	2.3
50°	3.7	3.5	3.4	3.4	3.4	3.0	2.3
47.5°	3.9	3.6	3.4	3.4	3.4	3.0	2.3
45°	4.1	3.7	3.4	3.4	3.4	3.1	2.3
42.5°	4.4	3.9	3.4	3.4	3.4	3.1	2.3
40°	4.6	4.0	3.5	3.4	3.4	3.1	2.3
37.5°	4.9	4.2	3.6	3.4	3.4	3.2	2.3
35°	5.1	4.4	3.7	3.4	3.4	3.2	2.3
32.5°	5.4	4.5	3.8	3.4	3.4	3.2	2.3
30°	5.6	4.7	3.9	3.4	3.4	3.3	2.3
27.5°	5.8	4.9	4.0	3.4	3.4	3.3	2.3
25°	6.0	5.1	4.1	3.4	3.4	3.3	2.3
22.5°	6.2	5.2	4.2	3.4	3.4	3.3	2.3
20°	6.4	5.3	4.2	3.4	3.4	3.3	2.3
17.5°	6.5	5.4	4.3	3.4	3.4	3.3	2.3
15°	6.7	5.5	4.3	3.4	3.4	3.4	2.3
12.5°	7.0	5.6	4.4	3.4	3.4	3.4	2.3
10°	7.2	5.6	4.4	3.4	3.4	3.4	2.3
7.5°	7.4	5.6	4.5	3.4	3.4	3.4	2.3
5°	7.6	5.7	4.5	3.4	3.4	3.4	2.3
2.5°	7.7	5.7	4.5	3.4	3.4	3.4	2.3
0°	7.9	5.7	4.5	3.4	3.4	3.4	2.3
-2.5°	9.2	6.2	4.7	3.6	3.4	3.4	2.3
-5°	10.5	6.7	4.9	3.7	3.5	3.4	2.3
-7.5°	11.8	7.1	5.1	3.8	3.5	3.4	2.3
-10°	12.8	7.5	5.2	4.0	3.6	3.4	2.3
-12.5°	13.8	7.9	5.4	4.1	3.6	3.4	2.3
-15°	14.6	8.2	5.6	4.2	3.7	3.4	2.3
-17.5°	15.2	8.5	5.7	4.4	3.7	3.4	2.3
-20°	15.7	8.7	5.8	4.5	3.7	3.3	2.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.3	8.8	5.9	4.6	3.8	3.3	2.3
-25°	16.4	8.9	6.0	4.6	3.8	3.3	2.3
-27.5°	16.2	8.9	6.1	4.7	3.8	3.3	2.3
-30°	15.5	8.9	6.2	4.8	3.8	3.3	2.3
-32.5°	14.4	8.7	6.3	4.8	3.8	3.3	2.3
-35°	13.8	8.5	6.3	4.8	3.8	3.3	2.3
-37.5°	13.5	8.2	6.3	4.8	3.8	3.2	2.3
-40°	13.0	8.2	6.3	4.8	3.8	3.2	2.3
-42.5°	12.3	8.1	6.2	4.8	3.8	3.2	2.3
-45°	11.5	8.0	6.1	4.7	3.7	3.2	2.3
-47.5°	10.5	7.9	6.1	4.7	3.7	3.2	2.3
-50°	10.1	7.7	5.9	4.6	3.6	3.2	2.3
-52.5°	9.7	7.4	5.8	4.5	3.6	3.1	2.3
-55°	9.3	7.2	5.7	4.4	3.5	3.1	2.3
-57.5°	8.8	7.0	5.5	4.3	3.5	3.1	2.3
-60°	8.3	6.7	5.3	4.2	3.4	3.1	2.3
-62.5°	7.9	6.4	5.1	4.1	3.4	3.1	2.3
-65°	7.5	6.1	4.9	3.9	3.4	3.1	2.3
-67.5°	7.1	5.8	4.7	3.8	3.4	3.0	2.3
-70°	6.7	5.5	4.5	3.7	3.4	3.0	2.3
-72.5°	6.2	5.1	4.2	3.6	3.4	3.0	2.3
-75°	5.6	4.7	4.0	3.6	3.4	3.0	2.3
-77.5°	5.1	4.3	3.9	3.6	3.4	3.0	2.3
-80°	4.5	4.1	3.8	3.5	3.4	2.9	2.3
-82.5°	4.2	3.9	3.7	3.5	3.4	2.9	2.3
-85°	4.0	3.8	3.6	3.5	3.4	2.9	2.3
-87.5°	3.7	3.6	3.5	3.4	3.4	2.9	2.3
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)