

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: P1305997 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

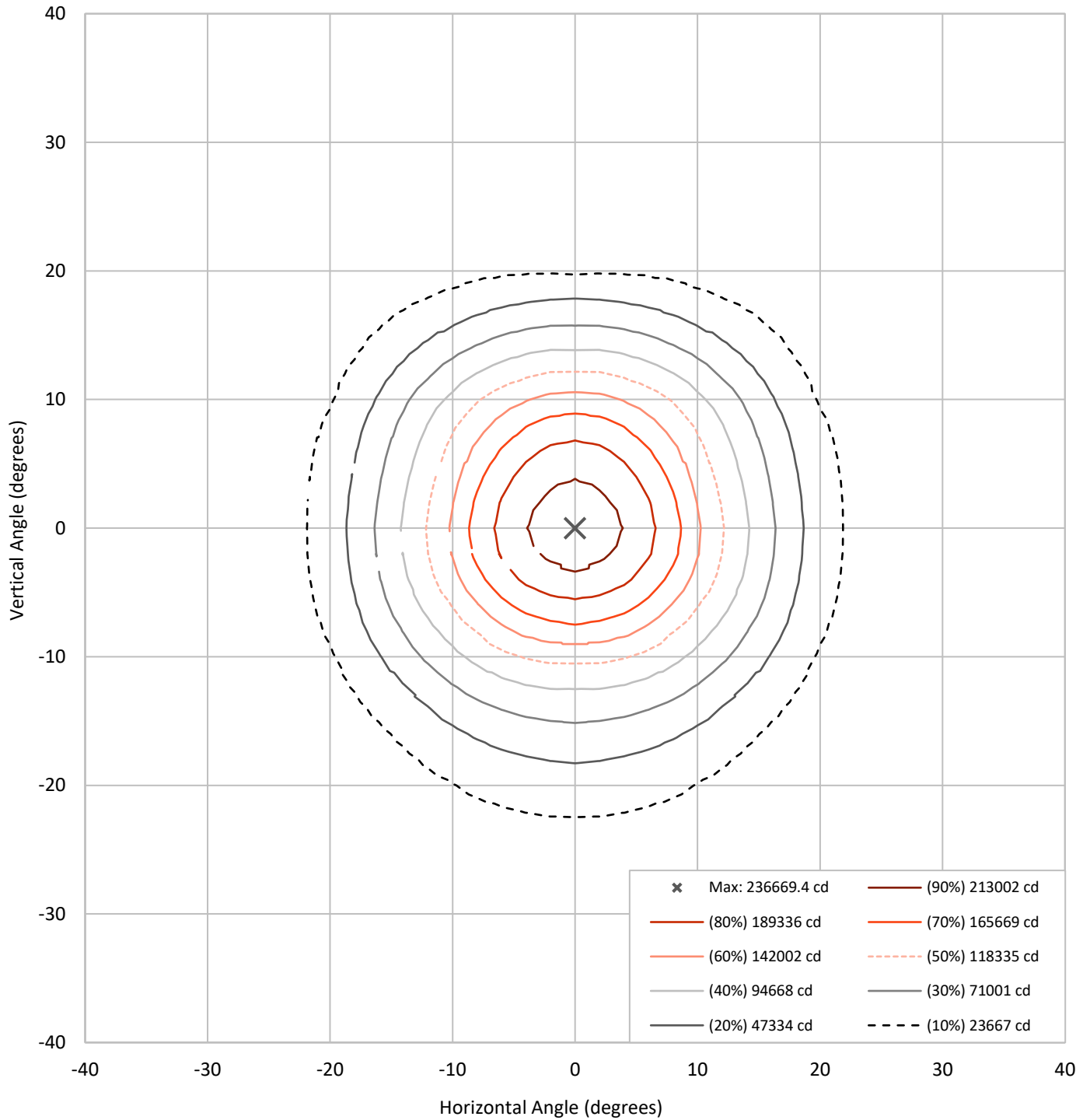
Test Method: LM-79-08  
Report Number: P1305997 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-40-70-3S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 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:	49051.6 lumens	Max Intensity:	236669.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.9 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:	23130.2 lumens	Field Lumens:	41785.6 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





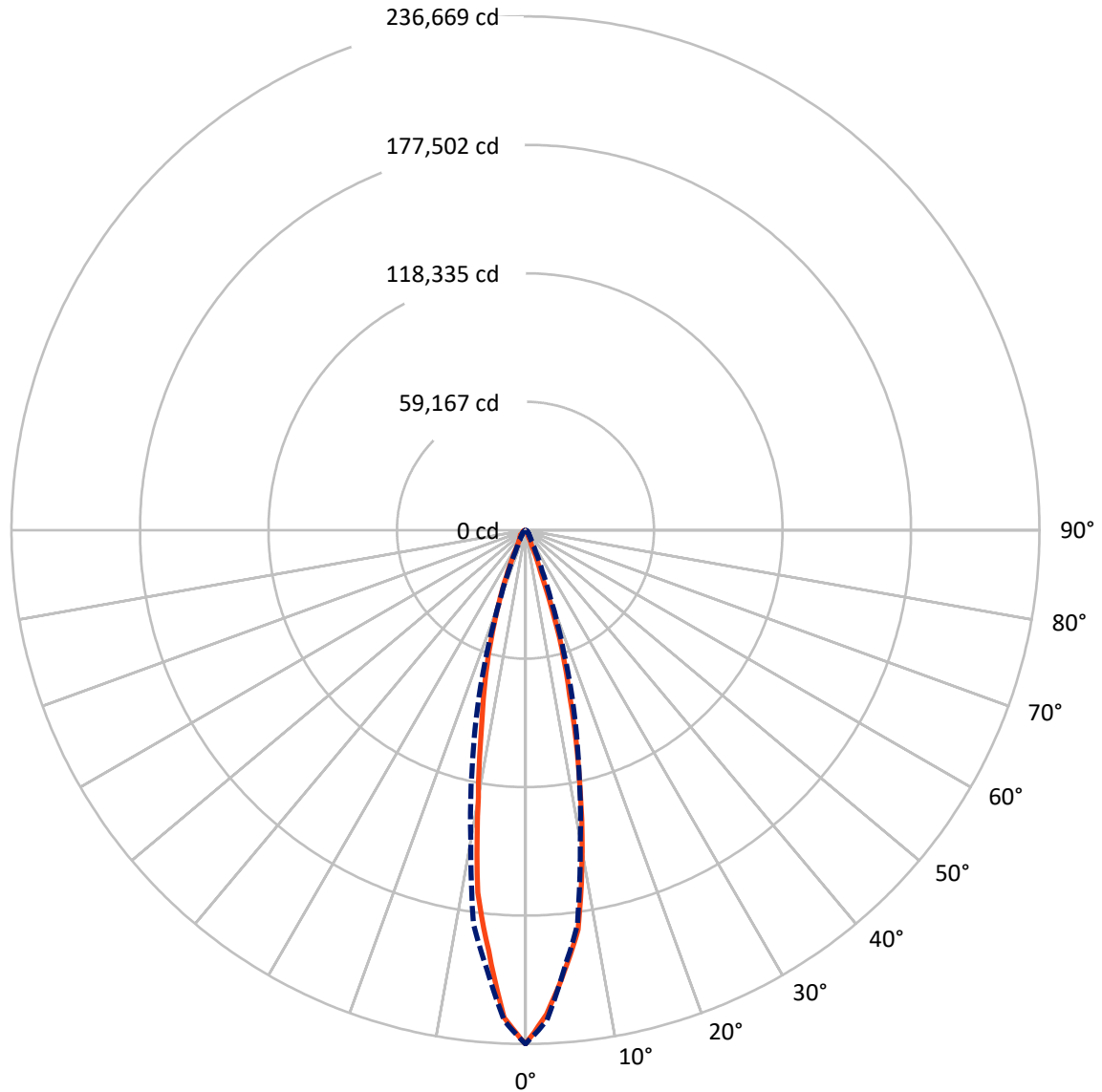
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### Lumen Table

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	0.4	0.3	0.2	0.2	0.3	0.4	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	0.2	0.4	0.4	0.5	0.7	1.3	0.9	0.9	1.3	0.7	0.5	0.4	0.4	0.2	0.1			
40		0.3	0.8	1.9	3.4	5.0	6.8	8.2	8.2	6.8	5.0	3.4	1.9	0.8	0.3				
30	0.1	0.5	3.3	10.4	24.2	40.3	82.7	159.2	159.2	82.7	40.3	24.2	10.4	3.3	0.5	0.1			
20		1.0	7.1	26.6	64.5	170.7	940.0	2218.4	2218.4	940.0	170.7	64.5	26.6	7.1	1.0				
10	0.2	1.6	9.5	35.4	83.0	364.1	2253.6	5285.2	5285.2	2253.6	364.1	83.0	35.4	9.5	1.6	0.2			
0		1.9	10.2	36.0	83.2	360.6	2214.2	5064.9	5064.9	2214.2	360.6	83.2	36.0	10.2	1.9				
-10	0.4	2.3	9.6	29.9	65.4	172.1	897.7	2026.2	2026.2	897.7	172.1	65.4	29.9	9.6	2.3	0.4			
-20		2.4	8.9	22.4	55.7	97.6	223.4	456.7	456.7	223.4	97.6	55.7	22.4	8.9	2.4				
-30	0.3	2.1	7.7	17.0	41.1	80.7	113.3	139.2	139.2	113.3	80.7	41.1	17.0	7.7	2.1	0.3			
-40		1.5	5.8	13.4	25.0	44.3	72.5	92.9	92.9	72.5	44.3	25.0	13.4	5.8	1.5				
-50	0.2	0.7	3.6	9.0	17.0	26.2	35.1	40.6	40.6	35.1	26.2	17.0	9.0	3.6	0.7	0.2			
-60		0.3	1.2	3.9	7.9	12.6	17.2	19.8	19.8	17.2	12.6	7.9	3.9	1.2	0.3				
-70	0.1	0.7	2.5	6.4	8.7	6.4	2.5	0.7	0.1							0.1			
-80		0.1	0.7	2.5	6.4	8.7	6.4	2.5	0.7	0.1									
-90	0.1	0.7	2.5	6.4	8.7	6.4	2.5	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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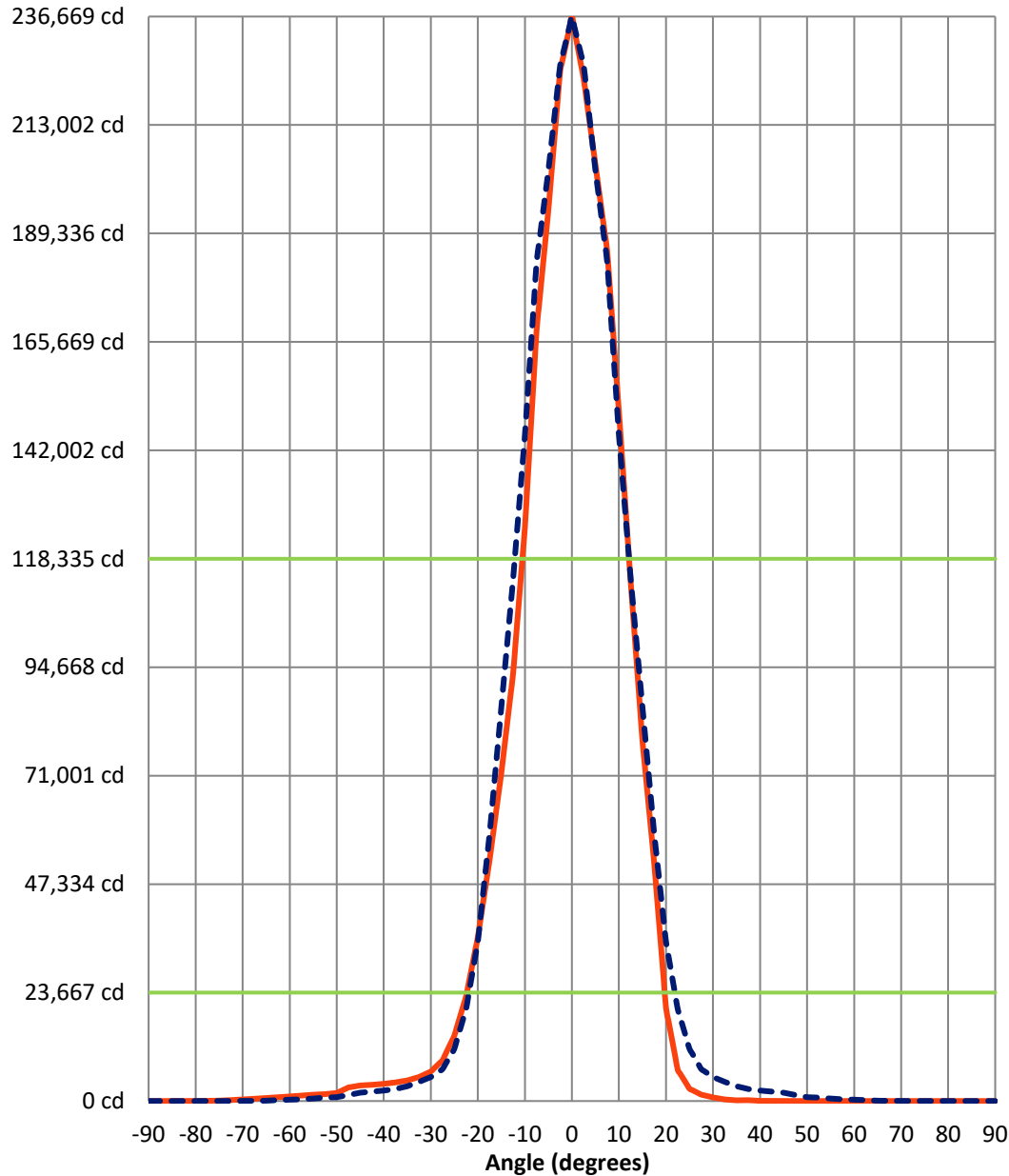
### Luminous Intensity Polar Plot



— 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: 23130.2  
Efficiency: 47.2%

**Field:**  
H Angle: 43.8°  
V Angle: 42.1°  
Lumens: 41785.6  
Efficiency: 85.2%

**Spill:**  
Lumens: 7266  
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°	2.4	3.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4
85°	2.4	2.5	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.6	2.7	2.8	2.7	2.6	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.6	2.8	2.9	2.8	2.7	2.5	2.6	2.6	2.6	2.4
77.5°	2.4	2.7	2.9	3.0	2.9	2.8	2.8	2.9	2.9	2.7	2.5
75°	2.4	2.7	3.0	3.1	3.1	3.0	3.1	3.2	3.1	2.8	2.5
72.5°	2.4	2.8	3.1	3.2	3.2	3.2	3.4	3.4	3.1	2.8	2.5
70°	2.4	2.8	3.2	3.4	3.3	3.4	3.6	3.4	3.1	2.9	2.9
67.5°	2.4	2.9	3.3	3.4	3.4	3.5	3.6	3.5	3.2	3.1	3.3
65°	2.4	2.9	3.4	3.4	3.4	3.6	3.6	3.5	3.3	3.4	3.6
62.5°	2.4	3.0	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.6	3.8
60°	2.4	3.0	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.9	3.9
57.5°	2.4	3.0	3.6	3.5	3.6	3.6	3.7	3.6	3.8	4.1	4.1
55°	2.4	3.1	3.6	3.6	3.6	3.6	3.7	3.7	4.1	4.4	4.4
52.5°	2.4	3.1	3.6	3.6	3.6	3.6	3.8	4.0	4.5	4.7	4.7
50°	2.4	3.2	3.6	3.6	3.6	3.7	3.9	4.3	4.8	5.1	6.3
47.5°	2.4	3.2	3.6	3.6	3.6	3.8	4.1	4.7	5.2	5.5	7.9
45°	2.4	3.2	3.6	3.6	3.6	4.0	4.4	5.0	5.6	6.8	9.4
42.5°	2.4	3.3	3.6	3.6	3.6	4.1	4.6	5.3	6.0	7.9	12.1
40°	2.4	3.3	3.6	3.6	3.7	4.3	4.9	5.6	6.5	8.9	14.9
37.5°	2.4	3.4	3.6	3.6	3.8	4.4	5.2	5.9	7.3	10.3	17.6
35°	2.4	3.4	3.6	3.6	3.9	4.6	5.4	6.2	8.0	12.7	19.8
32.5°	2.4	3.4	3.6	3.6	4.0	4.8	5.7	6.5	8.7	15.2	21.8
30°	2.4	3.4	3.6	3.6	4.1	5.0	5.9	6.8	9.3	17.6	23.9
27.5°	2.4	3.5	3.6	3.6	4.3	5.2	6.1	7.3	10.3	20.0	26.0
25°	2.4	3.5	3.6	3.6	4.3	5.4	6.3	7.8	12.2	22.0	28.2
22.5°	2.4	3.5	3.6	3.6	4.4	5.5	6.5	8.2	14.1	23.7	32.1
20°	2.4	3.5	3.6	3.6	4.5	5.6	6.7	8.5	15.8	25.4	36.4
17.5°	2.4	3.5	3.6	3.6	4.6	5.7	6.9	8.8	17.4	27.1	40.8
15°	2.4	3.6	3.6	3.6	4.6	5.8	7.1	9.2	19.0	28.7	45.3
12.5°	2.4	3.6	3.6	3.6	4.7	5.9	7.4	9.7	20.7	30.2	49.9
10°	2.4	3.6	3.6	3.6	4.7	5.9	7.6	10.2	22.7	32.7	55.0
7.5°	2.4	3.6	3.6	3.6	4.8	5.9	7.8	10.7	24.5	35.3	61.3
5°	2.4	3.6	3.6	3.6	4.8	6.0	8.0	11.2	26.2	37.7	67.4
2.5°	2.4	3.6	3.6	3.6	4.8	6.0	8.2	11.6	27.7	40.0	73.1
0°	2.4	3.6	3.6	3.6	4.8	6.0	8.4	12.0	28.9	42.1	78.2
-2.5°	2.4	3.6	3.7	3.8	5.0	6.5	9.8	15.8	35.5	52.9	92.1
-5°	2.4	3.6	3.7	3.9	5.2	7.0	11.2	19.4	41.7	63.3	105.1
-7.5°	2.4	3.6	3.8	4.1	5.4	7.5	12.5	22.7	47.4	73.0	117.1
-10°	2.4	3.6	3.8	4.2	5.6	7.9	13.6	25.8	52.5	81.9	127.8
-12.5°	2.4	3.6	3.8	4.4	5.7	8.3	14.6	28.4	56.7	89.8	138.7
-15°	2.4	3.6	3.9	4.5	5.9	8.7	15.5	30.6	60.6	97.0	148.3
-17.5°	2.4	3.6	3.9	4.6	6.0	8.9	16.1	32.5	63.9	103.0	155.7
-20°	2.4	3.5	4.0	4.7	6.2	9.2	16.7	34.2	66.2	107.7	160.6



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 CATALOG NUMBER: EPH-08-320N-40-70-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.4	3.5	4.0	4.8	6.3	9.3	17.2	35.2	67.3	111.0	162.8
-25°	2.4	3.5	4.0	4.9	6.4	9.4	17.4	35.4	67.1	112.9	162.1
-27.5°	2.4	3.5	4.0	5.0	6.5	9.5	17.2	34.7	65.5	113.0	163.6
-30°	2.4	3.5	4.0	5.0	6.6	9.4	16.5	33.1	64.1	111.0	163.3
-32.5°	2.4	3.5	4.0	5.1	6.6	9.2	15.3	32.0	62.2	107.1	161.0
-35°	2.4	3.4	4.0	5.1	6.7	9.0	14.7	30.6	59.0	101.4	156.5
-37.5°	2.4	3.4	4.0	5.1	6.7	8.7	14.3	28.5	54.5	93.8	146.6
-40°	2.4	3.4	4.0	5.1	6.6	8.7	13.8	25.6	48.7	86.7	134.2
-42.5°	2.4	3.4	4.0	5.1	6.6	8.6	13.1	22.0	43.7	77.5	119.9
-45°	2.4	3.4	4.0	5.0	6.5	8.5	12.2	19.2	38.7	66.9	104.5
-47.5°	2.4	3.4	3.9	5.0	6.4	8.4	11.1	17.9	32.8	55.1	91.0
-50°	2.4	3.3	3.9	4.9	6.3	8.1	10.7	16.4	25.6	46.9	75.9
-52.5°	2.4	3.3	3.8	4.8	6.2	7.9	10.3	14.6	21.8	37.9	60.0
-55°	2.4	3.3	3.7	4.7	6.0	7.6	9.9	12.8	19.4	28.3	48.9
-57.5°	2.4	3.3	3.7	4.6	5.9	7.4	9.4	12.1	16.8	23.7	37.1
-60°	2.4	3.3	3.6	4.5	5.7	7.1	8.8	11.4	14.5	20.5	27.4
-62.5°	2.4	3.2	3.6	4.3	5.5	6.8	8.5	10.6	13.5	17.1	23.4
-65°	2.4	3.2	3.6	4.2	5.2	6.5	8.0	9.9	12.5	15.4	19.3
-67.5°	2.4	3.2	3.6	4.0	5.0	6.2	7.6	9.3	11.4	14.0	16.9
-70°	2.4	3.2	3.6	3.9	4.8	5.8	7.1	8.7	10.6	12.6	15.3
-72.5°	2.4	3.2	3.6	3.8	4.5	5.4	6.5	8.0	9.7	11.6	13.6
-75°	2.4	3.1	3.6	3.8	4.2	5.0	6.0	7.3	8.9	10.5	12.3
-77.5°	2.4	3.1	3.6	3.8	4.1	4.6	5.4	6.6	8.0	9.4	11.0
-80°	2.4	3.1	3.6	3.7	4.0	4.4	4.8	5.9	7.0	8.2	9.6
-82.5°	2.4	3.1	3.6	3.7	3.9	4.2	4.5	5.2	6.0	7.0	8.1
-85°	2.4	3.1	3.6	3.7	3.8	4.0	4.2	4.7	5.2	5.9	6.6
-87.5°	2.4	3.0	3.6	3.6	3.7	3.8	3.9	4.1	4.4	4.7	5.1
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.9	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	2.1	1.8	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2
82.5°	2.2	2.1	2.1	2.1	2.0	1.8	1.5	1.4	1.4	1.4	1.3
80°	2.4	2.4	2.4	2.4	2.3	2.2	2.1	2.2	2.1	1.9	1.8
77.5°	2.4	2.4	2.4	2.4	2.4	2.5	2.7	3.0	3.0	2.9	2.7
75°	2.4	2.4	2.5	2.4	2.5	2.8	3.2	3.5	3.5	3.4	3.4
72.5°	2.6	2.7	2.7	2.5	2.8	3.2	3.5	3.6	4.3	5.3	6.0
70°	3.1	3.1	3.1	3.1	3.4	3.9	5.1	6.8	8.5	9.7	11.3
67.5°	3.5	3.4	3.4	3.7	4.6	6.0	7.9	12.1	16.8	18.7	19.6
65°	3.6	3.6	3.9	4.7	5.9	9.4	14.1	19.6	25.4	26.7	26.5
62.5°	3.6	3.8	4.4	6.2	9.6	14.0	20.1	26.3	32.4	31.4	27.7
60°	3.7	3.9	6.0	9.6	13.6	19.6	26.2	29.5	31.5	31.3	26.9
57.5°	3.9	5.3	8.9	13.5	19.2	24.3	26.5	28.4	29.6	30.6	25.3
55°	4.9	7.7	12.3	18.3	22.9	24.0	25.2	25.9	26.9	25.0	19.3
52.5°	7.1	10.4	16.5	21.8	23.8	23.6	22.4	22.5	20.8	18.2	15.3
50°	9.1	14.4	20.1	23.4	24.4	22.6	19.4	18.4	16.7	14.5	12.6
47.5°	12.2	18.2	22.4	25.1	24.5	21.9	18.2	15.9	14.1	13.6	11.7
45°	15.6	20.9	24.9	26.0	24.8	21.5	18.4	14.4	15.2	15.1	14.9
42.5°	18.8	23.2	26.5	27.5	24.8	22.6	19.9	18.9	18.8	21.2	22.8
40°	20.9	25.3	28.5	28.7	25.7	25.2	27.0	28.1	27.1	31.1	34.5
37.5°	22.8	27.5	31.4	32.8	29.1	32.0	36.5	49.2	50.5	43.2	55.3
35°	24.6	30.1	37.3	42.9	42.7	42.9	62.4	81.6	90.6	79.3	89.8
32.5°	26.8	33.1	45.4	60.0	72.2	74.0	95.1	134.3	152.7	153.4	152.0
30°	30.0	40.8	58.1	82.2	112.8	142.4	158.5	201.5	231.1	281.6	319.9
27.5°	34.4	50.8	79.5	119.7	167.9	226.7	262.6	287.5	360.3	454.8	556.7
25°	39.4	70.9	104.3	167.8	249.7	324.5	370.2	400.0	527.2	714.7	845.9
22.5°	50.3	96.7	140.4	222.4	342.1	426.1	474.4	570.8	767.9	1019.6	1175.0
20°	69.2	128.4	182.9	272.2	436.6	530.2	575.8	767.2	1071.6	1329.7	1543.6
17.5°	91.0	160.4	225.0	330.6	489.7	610.3	687.8	977.4	1395.0	1626.8	1871.9
15°	114.9	192.2	262.5	382.5	540.9	657.7	825.5	1230.9	1690.8	1912.2	2165.0
12.5°	140.3	223.7	295.7	428.0	591.3	701.5	948.7	1411.7	1843.6	2143.3	2471.3
10°	166.2	254.5	325.0	467.3	640.0	741.8	1064.4	1562.4	1924.3	2206.2	2588.9
7.5°	182.3	275.6	349.0	500.5	685.8	778.7	1170.1	1684.1	1981.6	2243.5	2604.9
5°	193.9	285.8	360.8	523.1	717.7	808.0	1256.3	1778.0	2018.8	2258.3	2576.4
2.5°	202.5	293.7	370.8	540.0	737.4	828.1	1296.8	1814.1	2043.5	2276.6	2580.6
0°	<b>208.0</b>	<b>299.4</b>	<b>378.8</b>	<b>551.9</b>	<b>750.4</b>	<b>845.4</b>	<b>1317.9</b>	<b>1826.6</b>	<b>2058.7</b>	<b>2292.0</b>	<b>2623.8</b>
-2.5°	215.4	307.6	391.4	564.0	753.7	849.2	1321.0	1821.7	2067.4	2328.8	2670.5
-5°	220.3	313.6	401.5	570.8	751.3	849.7	1304.4	1795.6	2054.8	2319.8	2652.5
-7.5°	223.2	317.2	408.8	571.4	738.4	836.9	1247.8	1713.8	1984.3	2232.9	2559.9
-10°	225.5	322.3	415.6	561.7	713.5	814.5	1168.0	1616.7	1906.0	2135.0	2442.1
-12.5°	233.1	329.3	420.7	549.9	688.0	789.2	1070.4	1507.3	1821.5	2027.4	2315.0
-15°	238.4	334.9	423.7	537.1	663.3	761.3	955.6	1387.9	1757.1	1988.4	2235.0
-17.5°	241.5	339.5	424.7	524.2	640.8	730.9	829.4	1277.3	1705.9	1967.3	2194.9
-20°	242.4	343.1	424.0	511.9	621.0	712.8	801.4	1142.9	1580.6	1933.6	2159.6



REPORT NUMBER: P1305997 (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°	241.3	346.1	422.9	506.3	608.2	704.6	790.7	994.4	1415.2	1885.1	2114.3
-25°	240.5	342.0	422.7	498.4	593.7	694.8	779.6	855.5	1229.1	1698.4	2053.5
-27.5°	239.0	335.6	414.2	485.8	575.7	681.0	766.6	841.4	1057.6	1486.2	1957.9
-30°	233.6	318.5	402.5	470.1	557.4	657.7	751.8	831.1	911.9	1269.7	1709.7
-32.5°	221.6	299.8	383.3	454.9	534.7	630.6	730.8	812.9	895.0	1026.3	1443.6
-35°	208.7	282.2	360.8	436.0	507.3	599.6	695.2	788.5	870.2	956.1	1159.7
-37.5°	198.9	262.9	337.4	412.3	483.1	564.2	655.8	750.1	838.1	926.8	1027.1
-40°	186.9	242.0	314.1	385.8	456.5	529.7	614.2	703.4	795.6	897.7	991.7
-42.5°	172.7	226.3	289.5	358.5	427.1	497.3	570.3	654.8	751.2	859.1	958.6
-45°	154.8	208.5	264.3	329.0	395.2	462.2	531.5	604.6	701.3	804.4	910.2
-47.5°	134.9	187.8	241.6	297.0	360.5	425.1	489.9	563.8	645.4	741.4	844.2
-50°	114.1	163.1	215.7	266.9	323.0	384.9	447.4	518.7	595.6	675.5	765.5
-52.5°	95.2	136.2	185.3	236.0	286.4	341.3	402.4	468.8	540.1	616.1	690.2
-55°	74.6	111.3	152.0	200.3	250.0	299.1	351.5	412.4	478.0	547.4	616.8
-57.5°	57.9	85.4	120.5	160.9	207.9	256.7	303.3	351.9	409.3	471.6	532.2
-60°	43.5	63.1	89.7	123.8	161.7	206.7	253.2	298.1	343.7	389.6	443.3
-62.5°	30.2	45.5	63.9	87.5	119.9	155.1	195.8	238.6	282.1	321.6	360.8
-65°	25.3	30.5	43.2	60.4	78.7	108.4	141.0	175.2	213.3	247.5	282.7
-67.5°	20.2	24.9	29.5	36.4	52.2	69.3	87.8	116.7	146.4	171.0	196.2
-70°	17.7	19.7	23.5	27.6	31.5	38.5	53.6	69.6	85.7	101.7	122.3
-72.5°	15.5	17.3	19.1	21.1	24.4	27.8	31.2	34.6	43.6	55.8	67.1
-75°	13.6	14.8	16.3	17.9	19.5	21.1	22.7	25.6	28.4	31.2	34.0
-77.5°	11.9	12.8	13.8	14.8	16.0	17.3	18.6	19.8	21.0	22.1	23.3
-80°	10.2	10.8	11.4	12.2	13.0	13.8	14.7	15.7	16.5	17.2	17.9
-82.5°	8.6	9.0	9.4	9.8	10.2	10.5	10.9	11.5	12.1	12.6	13.1
-85°	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.7	8.9	9.1	9.3
-87.5°	5.4	5.7	5.9	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7
-90°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.8	5.1	5.4	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.6	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	2.6	2.4	2.3	2.1	1.9	1.8	1.7	1.5	1.2	1.2	1.2
75°	3.5	3.5	3.6	3.4	3.1	2.8	2.6	2.4	2.2	2.2	2.3
72.5°	6.4	6.3	6.1	6.1	5.7	5.5	5.5	5.5	5.3	5.4	5.6
70°	12.3	12.6	12.4	11.6	10.3	9.3	8.8	8.1	7.2	7.1	7.5
67.5°	19.3	18.4	17.4	15.9	13.8	12.0	11.0	10.1	9.3	9.1	9.3
65°	24.6	20.9	18.3	16.2	14.5	12.8	11.6	10.5	9.4	8.7	8.6
62.5°	23.8	19.5	16.7	14.8	13.2	11.8	10.3	9.0	7.6	6.8	6.8
60°	22.4	17.6	13.9	12.1	10.7	9.7	8.4	7.3	6.5	6.0	6.1
57.5°	19.0	13.9	10.6	9.8	8.8	7.7	6.9	6.4	6.2	6.0	6.0
55°	14.6	11.7	9.8	8.7	7.7	6.7	6.0	6.2	6.2	6.0	6.3
52.5°	12.1	10.4	9.0	8.0	7.5	7.2	7.1	7.1	7.2	7.4	7.6
50°	10.8	9.6	9.0	8.3	8.3	8.3	8.3	8.7	9.0	9.1	9.0
47.5°	10.9	10.4	11.0	9.5	9.8	10.7	10.7	10.8	11.6	11.8	11.7
45°	13.8	16.6	16.6	15.3	14.5	17.7	17.9	16.2	24.9	24.4	18.5
42.5°	24.5	26.2	26.3	27.7	30.8	40.4	58.4	74.6	77.0	67.7	46.4
40°	39.6	38.3	41.3	49.6	73.5	95.3	111.8	161.2	160.8	125.8	126.8
37.5°	64.5	63.1	67.7	92.8	100.5	86.9	122.4	125.8	107.7	128.4	130.2
35°	111.1	125.9	109.8	136.3	137.6	123.1	132.1	147.4	125.7	150.4	161.1
32.5°	202.5	228.7	231.2	229.2	242.9	256.2	248.3	285.6	292.3	317.0	344.2
30°	329.0	379.5	418.1	410.6	433.3	473.0	486.0	542.9	599.6	634.8	720.9
27.5°	573.4	598.9	677.9	733.6	720.7	785.7	914.5	954.4	1117.0	1194.8	1306.9
25°	907.9	953.1	1065.8	1198.0	1254.6	1363.4	1572.7	1672.9	1886.4	1995.4	2406.4
22.5°	1322.5	1475.7	1617.0	1794.5	2049.3	2265.7	2498.4	2889.5	3525.1	4438.3	5528.5
20°	1795.7	2052.5	2266.3	2594.2	3016.5	3423.4	4025.4	5761.3	7604.9	11450.4	14063.1
17.5°	2243.5	2651.1	2949.7	3385.2	4009.0	5027.5	7101.4	10981.6	17079.6	24529.0	31639.9
15°	2592.8	3009.4	3563.1	4220.4	5173.1	7166.4	10954.6	18624.0	30250.5	41601.7	53545.1
12.5°	2888.1	3328.7	3935.5	4826.0	6250.8	9833.7	16645.0	28198.0	43524.5	60422.9	78277.6
10°	3078.1	3613.1	4339.9	5515.9	7883.8	12974.0	21828.9	37310.1	57911.7	79974.1	99819.2
7.5°	3111.5	3764.4	4684.9	6115.5	9504.0	16249.9	27994.8	46206.6	68769.4	93618.1	118611.5
5°	3124.9	3905.2	4976.6	6586.4	10617.0	18619.5	31546.8	51906.2	76959.1	102479.1	129377.9
2.5°	3160.6	4043.5	5190.6	6915.9	11259.1	20032.5	33599.4	55988.9	82419.6	110131.2	140121.8
0°	3234.7	4188.3	5236.9	6972.1	11393.7	20062.5	34783.4	58328.3	85980.9	113978.6	145260.4
-2.5°	3274.9	4169.7	5197.8	6857.6	11220.2	20065.6	33645.5	56700.7	84123.8	111440.6	142963.7
-5°	3205.9	3983.5	4957.4	6511.9	10461.2	18460.9	31385.1	52498.0	77809.5	102370.3	127719.0
-7.5°	3057.6	3721.5	4615.6	6021.1	9284.1	15973.7	27299.3	44635.8	66129.3	87481.4	107230.2
-10°	2885.0	3443.8	4177.1	5308.6	7620.8	12630.3	21360.2	35001.1	53462.8	71792.7	88459.0
-12.5°	2698.6	3133.9	3676.7	4459.3	5898.8	9536.6	16188.3	26643.3	39409.0	53236.7	68374.8
-15°	2539.4	2860.2	3271.8	3938.2	5036.2	7104.6	10866.4	17823.9	26977.7	37818.0	48977.1
-17.5°	2432.3	2670.9	3029.3	3537.6	4212.6	5441.2	8163.8	12288.7	18178.7	26291.9	33661.8
-20°	2355.5	2579.9	2864.2	3264.5	3829.8	4696.0	6028.2	8871.3	12747.0	18005.7	23008.2



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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°	2300.7	2502.6	2742.9	3065.0	3569.8	4246.7	5097.1	6476.9	8917.7	12018.8	15496.6
-25°	2246.7	2414.2	2679.3	3025.6	3372.6	3856.9	4444.6	5122.1	6422.5	7801.2	9936.0
-27.5°	2185.0	2392.2	2688.4	3012.0	3324.6	3565.0	3982.2	4449.4	5137.9	5804.5	6901.2
-30°	2140.1	2405.0	2699.7	3010.7	3251.5	3464.0	3697.4	4054.4	4500.0	4971.1	5475.2
-32.5°	1916.5	2365.7	2668.0	2946.8	3146.1	3343.5	3550.2	3797.9	4082.8	4381.2	4687.5
-35°	1616.7	2095.1	2564.3	2782.8	2984.7	3183.8	3399.4	3600.1	3801.0	4002.9	4195.2
-37.5°	1249.3	1718.1	2161.4	2543.2	2775.0	2977.8	3207.6	3413.6	3589.8	3741.5	3889.5
-40°	1091.4	1255.1	1683.9	2085.8	2423.2	2744.5	2961.1	3189.3	3385.8	3525.7	3651.3
-42.5°	1047.9	1140.1	1235.2	1543.4	1916.0	2246.2	2540.0	2825.4	3095.6	3290.1	3439.6
-45°	1010.3	1088.2	1169.7	1260.6	1351.4	1641.0	1946.4	2253.9	2571.8	2856.4	3086.9
-47.5°	940.4	1034.9	1115.1	1190.3	1262.5	1344.9	1430.1	1552.5	1831.5	2116.3	2375.9
-50°	854.2	942.8	1032.1	1121.1	1188.0	1251.2	1316.0	1389.0	1470.3	1553.3	1623.2
-52.5°	760.3	841.7	924.3	1002.7	1077.6	1150.4	1221.4	1285.9	1346.5	1404.9	1439.3
-55°	684.1	749.3	814.2	881.5	949.8	1016.3	1082.4	1149.0	1213.2	1274.4	1308.7
-57.5°	595.1	660.1	722.3	773.6	826.5	880.7	937.1	994.5	1050.8	1103.1	1132.6
-60°	498.4	554.8	608.7	658.5	707.6	755.5	801.9	847.4	891.1	929.1	952.2
-62.5°	401.3	447.2	491.9	534.2	575.4	615.8	659.1	700.2	738.9	770.2	789.4
-65°	318.4	353.4	384.5	414.9	444.9	479.6	516.4	551.4	584.1	609.6	626.5
-67.5°	225.5	255.6	284.1	311.3	336.2	360.9	387.1	412.7	437.4	456.5	470.0
-70°	142.1	161.1	179.9	199.9	221.8	243.5	265.1	285.0	303.2	316.8	327.2
-72.5°	77.5	86.6	96.2	110.4	124.0	138.5	153.4	167.4	180.5	189.7	196.6
-75°	36.8	40.9	48.2	54.8	60.7	67.1	73.5	79.4	84.9	87.7	89.3
-77.5°	25.1	27.2	29.0	30.7	32.2	34.1	36.1	38.2	40.2	41.5	42.6
-80°	18.7	19.6	20.4	21.2	22.1	23.0	23.8	24.6	25.3	26.0	26.6
-82.5°	13.5	14.0	14.4	14.8	15.1	15.7	16.3	16.8	17.4	17.8	18.3
-85°	9.5	9.8	10.0	10.2	10.3	10.7	11.0	11.4	11.7	11.8	11.9
-87.5°	6.8	7.1	7.5	7.8	8.2	8.2	8.3	8.3	8.3	8.3	8.4
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6



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 CATALOG NUMBER: EPH-08-320N-40-70-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.0	6.0	6.6	7.2	6.6	6.0	6.0	6.0	6.0	6.0	6.0
87.5°	0.3	0.0	0.6	1.2	0.6	0.0	0.3	0.6	0.9	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.8	2.4	1.8	1.2	1.2	1.2	1.2	1.2	1.5
75°	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.4
72.5°	5.8	5.9	6.0	6.0	6.0	5.9	5.8	5.6	5.4	5.3	5.5
70°	7.9	8.3	8.4	8.4	8.4	8.3	7.9	7.5	7.1	7.2	8.1
67.5°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.3	9.1	9.3	10.1
65°	8.5	8.4	7.9	7.2	7.9	8.4	8.5	8.6	8.7	9.4	10.5
62.5°	7.0	7.2	7.2	7.2	7.2	7.2	7.0	6.8	6.8	7.6	9.0
60°	6.1	6.1	6.0	6.0	6.0	6.1	6.1	6.1	6.0	6.5	7.3
57.5°	6.0	6.0	6.5	7.2	6.5	6.0	6.0	6.0	6.0	6.2	6.4
55°	6.6	7.0	7.2	7.2	7.2	7.0	6.6	6.3	6.0	6.2	6.2
52.5°	7.6	7.3	7.2	7.2	7.2	7.3	7.6	7.6	7.4	7.2	7.1
50°	8.8	8.5	8.4	8.4	8.4	8.5	8.8	9.0	9.1	9.0	8.7
47.5°	11.5	11.0	10.8	10.8	10.8	11.0	11.5	11.7	11.8	11.6	10.8
45°	18.9	19.0	19.0	19.2	19.0	19.0	18.9	18.5	24.4	24.9	16.2
42.5°	44.6	38.6	33.4	33.7	33.4	38.6	44.6	46.4	67.7	77.0	74.6
40°	114.2	85.5	56.8	48.1	56.8	85.5	114.2	126.8	125.8	160.8	161.2
37.5°	117.6	120.0	141.2	190.0	141.2	120.0	117.6	130.2	128.4	107.7	125.8
35°	164.4	166.9	161.0	157.5	161.0	166.9	164.4	161.1	150.4	125.7	147.4
32.5°	349.6	365.1	363.2	353.5	363.2	365.1	349.6	344.2	317.0	292.3	285.6
30°	753.0	792.4	788.2	796.1	788.2	792.4	753.0	720.9	634.8	599.6	542.9
27.5°	1351.3	1400.0	1408.9	1398.5	1408.9	1400.0	1351.3	1306.9	1194.8	1117.0	954.4
25°	2682.5	2759.4	2731.3	2694.8	2731.3	2759.4	2682.5	2406.4	1995.4	1886.4	1672.9
22.5°	6802.9	7107.5	7076.3	6819.4	7076.3	7107.5	6802.9	5528.5	4438.3	3525.1	2889.5
20°	18690.5	20701.6	21576.9	20390.7	21576.9	20701.6	18690.5	14063.1	11450.4	7604.9	5761.3
17.5°	39561.0	45688.7	50045.7	51863.7	50045.7	45688.7	39561.0	31639.9	24529.0	17079.6	10981.6
15°	64711.6	73935.8	79300.3	78579.6	79300.3	73935.8	64711.6	53545.1	41601.7	30250.5	18624.0
12.5°	93052.2	103985.0	113045.3	113237.3	113045.3	103985.0	93052.2	78277.6	60422.9	43524.5	28198.0
10°	120464.7	135638.4	148004.7	150401.1	148004.7	135638.4	120464.7	99819.2	79974.1	57911.7	37310.1
7.5°	141030.3	164291.3	179814.6	185502.6	179814.6	164291.3	141030.3	118611.5	93618.1	68769.4	46206.6
5°	161354.0	185727.8	201545.1	204351.1	201545.1	185727.8	161354.0	129377.9	102479.1	76959.1	51906.2
2.5°	175062.0	199648.7	213490.1	223090.9	213490.1	199648.7	175062.0	140121.8	110131.2	82419.6	55988.9
0°	183091.6	203124.6	226027.9	236669.4	226027.9	203124.6	183091.6	145260.4	113978.6	85980.9	58328.3
-2.5°	177020.5	199557.2	212669.7	224762.3	212669.7	199557.2	177020.5	142963.7	111440.6	84123.8	56700.7
-5°	156913.8	181423.6	193008.0	194519.5	193008.0	181423.6	156913.8	127719.0	102370.3	77809.5	52498.0
-7.5°	128217.0	151037.6	162159.8	168299.7	162159.8	151037.6	128217.0	107230.2	87481.4	66129.3	44635.8
-10°	103792.9	117110.7	124597.9	125090.9	124597.9	117110.7	103792.9	88459.0	71792.7	53462.8	35001.1
-12.5°	80133.6	89066.7	93495.0	93333.0	93495.0	89066.7	80133.6	68374.8	53236.7	39409.0	26643.3
-15°	58803.4	65743.5	69737.9	71653.2	69737.9	65743.5	58803.4	48977.1	37818.0	26977.7	17823.9
-17.5°	41505.4	47018.7	51021.1	52638.1	51021.1	47018.7	41505.4	33661.8	26291.9	18178.7	12288.7
-20°	28295.6	32074.1	34670.8	35773.1	34670.8	32074.1	28295.6	23008.2	18005.7	12747.0	8871.3



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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°	18637.9	21171.0	22951.4	22855.9	22951.4	21171.0	18637.9	15496.6	12018.8	8917.7	6476.9
-25°	11881.4	13274.2	14188.8	14262.8	14188.8	13274.2	11881.4	9936.0	7801.2	6422.5	5122.1
-27.5°	7863.9	8476.2	8845.2	8909.3	8845.2	8476.2	7863.9	6901.2	5804.5	5137.9	4449.4
-30°	5951.9	6233.7	6444.6	6435.8	6444.6	6233.7	5951.9	5475.2	4971.1	4500.0	4054.4
-32.5°	4948.0	5086.7	5179.1	5253.7	5179.1	5086.7	4948.0	4687.5	4381.2	4082.8	3797.9
-35°	4327.1	4397.7	4449.3	4496.1	4449.3	4397.7	4327.1	4195.2	4002.9	3801.0	3600.1
-37.5°	3974.6	4023.5	4055.8	4066.8	4055.8	4023.5	3974.6	3889.5	3741.5	3589.8	3413.6
-40°	3699.4	3726.9	3743.3	3753.0	3743.3	3726.9	3699.4	3651.3	3525.7	3385.8	3189.3
-42.5°	3492.8	3530.6	3550.1	3549.8	3550.1	3530.6	3492.8	3439.6	3290.1	3095.6	2825.4
-45°	3219.1	3314.6	3372.5	3397.1	3372.5	3314.6	3219.1	3086.9	2856.4	2571.8	2253.9
-47.5°	2588.7	2770.1	2897.3	2964.2	2897.3	2770.1	2588.7	2375.9	2116.3	1831.5	1552.5
-50°	1686.2	1746.8	1772.3	1761.7	1772.3	1746.8	1686.2	1623.2	1553.3	1470.3	1389.0
-52.5°	1464.8	1486.5	1499.7	1505.5	1499.7	1486.5	1464.8	1439.3	1404.9	1346.5	1285.9
-55°	1337.5	1361.7	1377.3	1385.3	1377.3	1361.7	1337.5	1308.7	1274.4	1213.2	1149.0
-57.5°	1157.2	1176.7	1188.6	1194.1	1188.6	1176.7	1157.2	1132.6	1103.1	1050.8	994.5
-60°	971.9	987.9	998.5	1004.1	998.5	987.9	971.9	952.2	929.1	891.1	847.4
-62.5°	805.0	816.8	827.2	834.5	827.2	816.8	805.0	789.4	770.2	738.9	700.2
-65°	640.2	650.8	658.3	662.6	658.3	650.8	640.2	626.5	609.6	584.1	551.4
-67.5°	481.2	489.7	496.8	501.4	496.8	489.7	481.2	470.0	456.5	437.4	412.7
-70°	335.5	341.8	348.0	352.3	348.0	341.8	335.5	327.2	316.8	303.2	285.0
-72.5°	202.0	206.0	207.8	208.0	207.8	206.0	202.0	196.6	189.7	180.5	167.4
-75°	90.2	90.4	92.3	93.8	92.3	90.4	90.2	89.3	87.7	84.9	79.4
-77.5°	43.4	44.2	45.0	45.7	45.0	44.2	43.4	42.6	41.5	40.2	38.2
-80°	27.1	27.6	27.7	27.7	27.7	27.6	27.1	26.6	26.0	25.3	24.6
-82.5°	18.7	19.1	19.2	19.2	19.2	19.1	18.7	18.3	17.8	17.4	16.8
-85°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.9	11.8	11.7	11.4
-87.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.3
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.0	6.0	6.0	5.7	5.4	5.1	4.8	4.8	4.8	4.8	4.8
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4
80°	1.2	1.2	1.2	1.4	1.5	1.5	1.6	1.8	1.9	2.1	2.2
77.5°	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.0
75°	2.6	2.8	3.1	3.4	3.6	3.5	3.5	3.4	3.4	3.5	3.5
72.5°	5.5	5.5	5.7	6.1	6.1	6.3	6.4	6.0	5.3	4.3	3.6
70°	8.8	9.3	10.3	11.6	12.4	12.6	12.3	11.3	9.7	8.5	6.8
67.5°	11.0	12.0	13.8	15.9	17.4	18.4	19.3	19.6	18.7	16.8	12.1
65°	11.6	12.8	14.5	16.2	18.3	20.9	24.6	26.5	26.7	25.4	19.6
62.5°	10.3	11.8	13.2	14.8	16.7	19.5	23.8	27.7	31.4	32.4	26.3
60°	8.4	9.7	10.7	12.1	13.9	17.6	22.4	26.9	31.3	31.5	29.5
57.5°	6.9	7.7	8.8	9.8	10.6	13.9	19.0	25.3	30.6	29.6	28.4
55°	6.0	6.7	7.7	8.7	9.8	11.7	14.6	19.3	25.0	26.9	25.9
52.5°	7.1	7.2	7.5	8.0	9.0	10.4	12.1	15.3	18.2	20.8	22.5
50°	8.3	8.3	8.3	8.3	9.0	9.6	10.8	12.6	14.5	16.7	18.4
47.5°	10.7	10.7	9.8	9.5	11.0	10.4	10.9	11.7	13.6	14.1	15.9
45°	17.9	17.7	14.5	15.3	16.6	16.6	13.8	14.9	15.1	15.2	14.4
42.5°	58.4	40.4	30.8	27.7	26.3	26.2	24.5	22.8	21.2	18.8	18.9
40°	111.8	95.3	73.5	49.6	41.3	38.3	39.6	34.5	31.1	27.1	28.1
37.5°	122.4	86.9	100.5	92.8	67.7	63.1	64.5	55.3	43.2	50.5	49.2
35°	132.1	123.1	137.6	136.3	109.8	125.9	111.1	89.8	79.3	90.6	81.6
32.5°	248.3	256.2	242.9	229.2	231.2	228.7	202.5	152.0	153.4	152.7	134.3
30°	486.0	473.0	433.3	410.6	418.1	379.5	329.0	319.9	281.6	231.1	201.5
27.5°	914.5	785.7	720.7	733.6	677.9	598.9	573.4	556.7	454.8	360.3	287.5
25°	1572.7	1363.4	1254.6	1198.0	1065.8	953.1	907.9	845.9	714.7	527.2	400.0
22.5°	2498.4	2265.7	2049.3	1794.5	1617.0	1475.7	1322.5	1175.0	1019.6	767.9	570.8
20°	4025.4	3423.4	3016.5	2594.2	2266.3	2052.5	1795.7	1543.6	1329.7	1071.6	767.2
17.5°	7101.4	5027.5	4009.0	3385.2	2949.7	2651.1	2243.5	1871.9	1626.8	1395.0	977.4
15°	10954.6	7166.4	5173.1	4220.4	3563.1	3009.4	2592.8	2165.0	1912.2	1690.8	1230.9
12.5°	16645.0	9833.7	6250.8	4826.0	3935.5	3328.7	2888.1	2471.3	2143.3	1843.6	1411.7
10°	21828.9	12974.0	7883.8	5515.9	4339.9	3613.1	3078.1	2588.9	2206.2	1924.3	1562.4
7.5°	27994.8	16249.9	9504.0	6115.5	4684.9	3764.4	3111.5	2604.9	2243.5	1981.6	1684.1
5°	31546.8	18619.5	10617.0	6586.4	4976.6	3905.2	3124.9	2576.4	2258.3	2018.8	1778.0
2.5°	33599.4	20032.5	11259.1	6915.9	5190.6	4043.5	3160.6	2580.6	2276.6	2043.5	1814.1
0°	34783.4	20062.5	11393.7	6972.1	5236.9	4188.3	3234.7	2623.8	2292.0	2058.7	1826.6
-2.5°	33645.5	20065.6	11220.2	6857.6	5197.8	4169.7	3274.9	2670.5	2328.8	2067.4	1821.7
-5°	31385.1	18460.9	10461.2	6511.9	4957.4	3983.5	3205.9	2652.5	2319.8	2054.8	1795.6
-7.5°	27299.3	15973.7	9284.1	6021.1	4615.6	3721.5	3057.6	2559.9	2232.9	1984.3	1713.8
-10°	21360.2	12630.3	7620.8	5308.6	4177.1	3443.8	2885.0	2442.1	2135.0	1906.0	1616.7
-12.5°	16188.3	9536.6	5898.8	4459.3	3676.7	3133.9	2698.6	2315.0	2027.4	1821.5	1507.3
-15°	10866.4	7104.6	5036.2	3938.2	3271.8	2860.2	2539.4	2235.0	1988.4	1757.1	1387.9
-17.5°	8163.8	5441.2	4212.6	3537.6	3029.3	2670.9	2432.3	2194.9	1967.3	1705.9	1277.3
-20°	6028.2	4696.0	3829.8	3264.5	2864.2	2579.9	2355.5	2159.6	1933.6	1580.6	1142.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5097.1	4246.7	3569.8	3065.0	2742.9	2502.6	2300.7	2114.3	1885.1	1415.2	994.4
-25°	4444.6	3856.9	3372.6	3025.6	2679.3	2414.2	2246.7	2053.5	1698.4	1229.1	855.5
-27.5°	3982.2	3565.0	3324.6	3012.0	2688.4	2392.2	2185.0	1957.9	1486.2	1057.6	841.4
-30°	3697.4	3464.0	3251.5	3010.7	2699.7	2405.0	2140.1	1709.7	1269.7	911.9	831.1
-32.5°	3550.2	3343.5	3146.1	2946.8	2668.0	2365.7	1916.5	1443.6	1026.3	895.0	812.9
-35°	3399.4	3183.8	2984.7	2782.8	2564.3	2095.1	1616.7	1159.7	956.1	870.2	788.5
-37.5°	3207.6	2977.8	2775.0	2543.2	2161.4	1718.1	1249.3	1027.1	926.8	838.1	750.1
-40°	2961.1	2744.5	2423.2	2085.8	1683.9	1255.1	1091.4	991.7	897.7	795.6	703.4
-42.5°	2540.0	2246.2	1916.0	1543.4	1235.2	1140.1	1047.9	958.6	859.1	751.2	654.8
-45°	1946.4	1641.0	1351.4	1260.6	1169.7	1088.2	1010.3	910.2	804.4	701.3	604.6
-47.5°	1430.1	1344.9	1262.5	1190.3	1115.1	1034.9	940.4	844.2	741.4	645.4	563.8
-50°	1316.0	1251.2	1188.0	1121.1	1032.1	942.8	854.2	765.5	675.5	595.6	518.7
-52.5°	1221.4	1150.4	1077.6	1002.7	924.3	841.7	760.3	690.2	616.1	540.1	468.8
-55°	1082.4	1016.3	949.8	881.5	814.2	749.3	684.1	616.8	547.4	478.0	412.4
-57.5°	937.1	880.7	826.5	773.6	722.3	660.1	595.1	532.2	471.6	409.3	351.9
-60°	801.9	755.5	707.6	658.5	608.7	554.8	498.4	443.3	389.6	343.7	298.1
-62.5°	659.1	615.8	575.4	534.2	491.9	447.2	401.3	360.8	321.6	282.1	238.6
-65°	516.4	479.6	444.9	414.9	384.5	353.4	318.4	282.7	247.5	213.3	175.2
-67.5°	387.1	360.9	336.2	311.3	284.1	255.6	225.5	196.2	171.0	146.4	116.7
-70°	265.1	243.5	221.8	199.9	179.9	161.1	142.1	122.3	101.7	85.7	69.6
-72.5°	153.4	138.5	124.0	110.4	96.2	86.6	77.5	67.1	55.8	43.6	34.6
-75°	73.5	67.1	60.7	54.8	48.2	40.9	36.8	34.0	31.2	28.4	25.6
-77.5°	36.1	34.1	32.2	30.7	29.0	27.2	25.1	23.3	22.1	21.0	19.8
-80°	23.8	23.0	22.1	21.2	20.4	19.6	18.7	17.9	17.2	16.5	15.7
-82.5°	16.3	15.7	15.1	14.8	14.4	14.0	13.5	13.1	12.6	12.1	11.5
-85°	11.0	10.7	10.3	10.2	10.0	9.8	9.5	9.3	9.1	8.9	8.7
-87.5°	8.3	8.2	8.2	7.8	7.5	7.1	6.8	6.7	6.6	6.6	6.5
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.8	4.8	4.8	4.8	4.5	4.2	3.9	3.6	3.6	3.6	3.6
87.5°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4
85°	1.3	1.4	1.4	1.4	1.6	1.8	2.1	2.4	2.4	2.4	2.4
82.5°	1.5	1.8	2.0	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.4
80°	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.6
77.5°	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.7	2.9	2.9
75°	3.2	2.8	2.5	2.4	2.5	2.4	2.4	2.5	2.8	3.1	3.2
72.5°	3.5	3.2	2.8	2.5	2.7	2.7	2.6	2.5	2.8	3.1	3.4
70°	5.1	3.9	3.4	3.1	3.1	3.1	3.1	2.9	2.9	3.1	3.4
67.5°	7.9	6.0	4.6	3.7	3.4	3.4	3.5	3.3	3.1	3.2	3.5
65°	14.1	9.4	5.9	4.7	3.9	3.6	3.6	3.6	3.4	3.3	3.5
62.5°	20.1	14.0	9.6	6.2	4.4	3.8	3.6	3.8	3.6	3.5	3.5
60°	26.2	19.6	13.6	9.6	6.0	3.9	3.7	3.9	3.9	3.6	3.6
57.5°	26.5	24.3	19.2	13.5	8.9	5.3	3.9	4.1	4.1	3.8	3.6
55°	25.2	24.0	22.9	18.3	12.3	7.7	4.9	4.4	4.4	4.1	3.7
52.5°	22.4	23.6	23.8	21.8	16.5	10.4	7.1	4.7	4.7	4.5	4.0
50°	19.4	22.6	24.4	23.4	20.1	14.4	9.1	6.3	5.1	4.8	4.3
47.5°	18.2	21.9	24.5	25.1	22.4	18.2	12.2	7.9	5.5	5.2	4.7
45°	18.4	21.5	24.8	26.0	24.9	20.9	15.6	9.4	6.8	5.6	5.0
42.5°	19.9	22.6	24.8	27.5	26.5	23.2	18.8	12.1	7.9	6.0	5.3
40°	27.0	25.2	25.7	28.7	28.5	25.3	20.9	14.9	8.9	6.5	5.6
37.5°	36.5	32.0	29.1	32.8	31.4	27.5	22.8	17.6	10.3	7.3	5.9
35°	62.4	42.9	42.7	42.9	37.3	30.1	24.6	19.8	12.7	8.0	6.2
32.5°	95.1	74.0	72.2	60.0	45.4	33.1	26.8	21.8	15.2	8.7	6.5
30°	158.5	142.4	112.8	82.2	58.1	40.8	30.0	23.9	17.6	9.3	6.8
27.5°	262.6	226.7	167.9	119.7	79.5	50.8	34.4	26.0	20.0	10.3	7.3
25°	370.2	324.5	249.7	167.8	104.3	70.9	39.4	28.2	22.0	12.2	7.8
22.5°	474.4	426.1	342.1	222.4	140.4	96.7	50.3	32.1	23.7	14.1	8.2
20°	575.8	530.2	436.6	272.2	182.9	128.4	69.2	36.4	25.4	15.8	8.5
17.5°	687.8	610.3	489.7	330.6	225.0	160.4	91.0	40.8	27.1	17.4	8.8
15°	825.5	657.7	540.9	382.5	262.5	192.2	114.9	45.3	28.7	19.0	9.2
12.5°	948.7	701.5	591.3	428.0	295.7	223.7	140.3	49.9	30.2	20.7	9.7
10°	1064.4	741.8	640.0	467.3	325.0	254.5	166.2	55.0	32.7	22.7	10.2
7.5°	1170.1	778.7	685.8	500.5	349.0	275.6	182.3	61.3	35.3	24.5	10.7
5°	1256.3	808.0	717.7	523.1	360.8	285.8	193.9	67.4	37.7	26.2	11.2
2.5°	1296.8	828.1	737.4	540.0	370.8	293.7	202.5	73.1	40.0	27.7	11.6
0°	1317.9	845.4	750.4	551.9	378.8	299.4	208.0	78.2	42.1	28.9	12.0
-2.5°	1321.0	849.2	753.7	564.0	391.4	307.6	215.4	92.1	52.9	35.5	15.8
-5°	1304.4	849.7	751.3	570.8	401.5	313.6	220.3	105.1	63.3	41.7	19.4
-7.5°	1247.8	836.9	738.4	571.4	408.8	317.2	223.2	117.1	73.0	47.4	22.7
-10°	1168.0	814.5	713.5	561.7	415.6	322.3	225.5	127.8	81.9	52.5	25.8
-12.5°	1070.4	789.2	688.0	549.9	420.7	329.3	233.1	138.7	89.8	56.7	28.4
-15°	955.6	761.3	663.3	537.1	423.7	334.9	238.4	148.3	97.0	60.6	30.6
-17.5°	829.4	730.9	640.8	524.2	424.7	339.5	241.5	155.7	103.0	63.9	32.5
-20°	801.4	712.8	621.0	511.9	424.0	343.1	242.4	160.6	107.7	66.2	34.2



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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°	790.7	704.6	608.2	506.3	422.9	346.1	241.3	162.8	111.0	67.3	35.2
-25°	779.6	694.8	593.7	498.4	422.7	342.0	240.5	162.1	112.9	67.1	35.4
-27.5°	766.6	681.0	575.7	485.8	414.2	335.6	239.0	163.6	113.0	65.5	34.7
-30°	751.8	657.7	557.4	470.1	402.5	318.5	233.6	163.3	111.0	64.1	33.1
-32.5°	730.8	630.6	534.7	454.9	383.3	299.8	221.6	161.0	107.1	62.2	32.0
-35°	695.2	599.6	507.3	436.0	360.8	282.2	208.7	156.5	101.4	59.0	30.6
-37.5°	655.8	564.2	483.1	412.3	337.4	262.9	198.9	146.6	93.8	54.5	28.5
-40°	614.2	529.7	456.5	385.8	314.1	242.0	186.9	134.2	86.7	48.7	25.6
-42.5°	570.3	497.3	427.1	358.5	289.5	226.3	172.7	119.9	77.5	43.7	22.0
-45°	531.5	462.2	395.2	329.0	264.3	208.5	154.8	104.5	66.9	38.7	19.2
-47.5°	489.9	425.1	360.5	297.0	241.6	187.8	134.9	91.0	55.1	32.8	17.9
-50°	447.4	384.9	323.0	266.9	215.7	163.1	114.1	75.9	46.9	25.6	16.4
-52.5°	402.4	341.3	286.4	236.0	185.3	136.2	95.2	60.0	37.9	21.8	14.6
-55°	351.5	299.1	250.0	200.3	152.0	111.3	74.6	48.9	28.3	19.4	12.8
-57.5°	303.3	256.7	207.9	160.9	120.5	85.4	57.9	37.1	23.7	16.8	12.1
-60°	253.2	206.7	161.7	123.8	89.7	63.1	43.5	27.4	20.5	14.5	11.4
-62.5°	195.8	155.1	119.9	87.5	63.9	45.5	30.2	23.4	17.1	13.5	10.6
-65°	141.0	108.4	78.7	60.4	43.2	30.5	25.3	19.3	15.4	12.5	9.9
-67.5°	87.8	69.3	52.2	36.4	29.5	24.9	20.2	16.9	14.0	11.4	9.3
-70°	53.6	38.5	31.5	27.6	23.5	19.7	17.7	15.3	12.6	10.6	8.7
-72.5°	31.2	27.8	24.4	21.1	19.1	17.3	15.5	13.6	11.6	9.7	8.0
-75°	22.7	21.1	19.5	17.9	16.3	14.8	13.6	12.3	10.5	8.9	7.3
-77.5°	18.6	17.3	16.0	14.8	13.8	12.8	11.9	11.0	9.4	8.0	6.6
-80°	14.7	13.8	13.0	12.2	11.4	10.8	10.2	9.6	8.2	7.0	5.9
-82.5°	10.9	10.5	10.2	9.8	9.4	9.0	8.6	8.1	7.0	6.0	5.2
-85°	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.6	5.9	5.2	4.7
-87.5°	6.4	6.3	6.3	6.2	5.9	5.7	5.4	5.1	4.7	4.4	4.1
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.6	3.6	3.6	3.6	3.6	3.0	2.4
87.5°	2.4	2.5	2.5	2.5	2.5	2.5	2.4
85°	2.4	2.5	2.6	2.6	2.6	2.5	2.4
82.5°	2.4	2.6	2.7	2.8	2.7	2.6	2.4
80°	2.5	2.7	2.8	2.9	2.8	2.6	2.4
77.5°	2.8	2.8	2.9	3.0	2.9	2.7	2.4
75°	3.1	3.0	3.1	3.1	3.0	2.7	2.4
72.5°	3.4	3.2	3.2	3.2	3.1	2.8	2.4
70°	3.6	3.4	3.3	3.4	3.2	2.8	2.4
67.5°	3.6	3.5	3.4	3.4	3.3	2.9	2.4
65°	3.6	3.6	3.4	3.4	3.4	2.9	2.4
62.5°	3.6	3.6	3.5	3.5	3.5	3.0	2.4
60°	3.6	3.6	3.6	3.5	3.6	3.0	2.4
57.5°	3.7	3.6	3.6	3.5	3.6	3.0	2.4
55°	3.7	3.6	3.6	3.6	3.6	3.1	2.4
52.5°	3.8	3.6	3.6	3.6	3.6	3.1	2.4
50°	3.9	3.7	3.6	3.6	3.6	3.2	2.4
47.5°	4.1	3.8	3.6	3.6	3.6	3.2	2.4
45°	4.4	4.0	3.6	3.6	3.6	3.2	2.4
42.5°	4.6	4.1	3.6	3.6	3.6	3.3	2.4
40°	4.9	4.3	3.7	3.6	3.6	3.3	2.4
37.5°	5.2	4.4	3.8	3.6	3.6	3.4	2.4
35°	5.4	4.6	3.9	3.6	3.6	3.4	2.4
32.5°	5.7	4.8	4.0	3.6	3.6	3.4	2.4
30°	5.9	5.0	4.1	3.6	3.6	3.4	2.4
27.5°	6.1	5.2	4.3	3.6	3.6	3.5	2.4
25°	6.3	5.4	4.3	3.6	3.6	3.5	2.4
22.5°	6.5	5.5	4.4	3.6	3.6	3.5	2.4
20°	6.7	5.6	4.5	3.6	3.6	3.5	2.4
17.5°	6.9	5.7	4.6	3.6	3.6	3.5	2.4
15°	7.1	5.8	4.6	3.6	3.6	3.6	2.4
12.5°	7.4	5.9	4.7	3.6	3.6	3.6	2.4
10°	7.6	5.9	4.7	3.6	3.6	3.6	2.4
7.5°	7.8	5.9	4.8	3.6	3.6	3.6	2.4
5°	8.0	6.0	4.8	3.6	3.6	3.6	2.4
2.5°	8.2	6.0	4.8	3.6	3.6	3.6	2.4
0°	8.4	6.0	4.8	3.6	3.6	3.6	2.4
-2.5°	9.8	6.5	5.0	3.8	3.7	3.6	2.4
-5°	11.2	7.0	5.2	3.9	3.7	3.6	2.4
-7.5°	12.5	7.5	5.4	4.1	3.8	3.6	2.4
-10°	13.6	7.9	5.6	4.2	3.8	3.6	2.4
-12.5°	14.6	8.3	5.7	4.4	3.8	3.6	2.4
-15°	15.5	8.7	5.9	4.5	3.9	3.6	2.4
-17.5°	16.1	8.9	6.0	4.6	3.9	3.6	2.4
-20°	16.7	9.2	6.2	4.7	4.0	3.5	2.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.2	9.3	6.3	4.8	4.0	3.5	2.4
-25°	17.4	9.4	6.4	4.9	4.0	3.5	2.4
-27.5°	17.2	9.5	6.5	5.0	4.0	3.5	2.4
-30°	16.5	9.4	6.6	5.0	4.0	3.5	2.4
-32.5°	15.3	9.2	6.6	5.1	4.0	3.5	2.4
-35°	14.7	9.0	6.7	5.1	4.0	3.4	2.4
-37.5°	14.3	8.7	6.7	5.1	4.0	3.4	2.4
-40°	13.8	8.7	6.6	5.1	4.0	3.4	2.4
-42.5°	13.1	8.6	6.6	5.1	4.0	3.4	2.4
-45°	12.2	8.5	6.5	5.0	4.0	3.4	2.4
-47.5°	11.1	8.4	6.4	5.0	3.9	3.4	2.4
-50°	10.7	8.1	6.3	4.9	3.9	3.3	2.4
-52.5°	10.3	7.9	6.2	4.8	3.8	3.3	2.4
-55°	9.9	7.6	6.0	4.7	3.7	3.3	2.4
-57.5°	9.4	7.4	5.9	4.6	3.7	3.3	2.4
-60°	8.8	7.1	5.7	4.5	3.6	3.3	2.4
-62.5°	8.5	6.8	5.5	4.3	3.6	3.2	2.4
-65°	8.0	6.5	5.2	4.2	3.6	3.2	2.4
-67.5°	7.6	6.2	5.0	4.0	3.6	3.2	2.4
-70°	7.1	5.8	4.8	3.9	3.6	3.2	2.4
-72.5°	6.5	5.4	4.5	3.8	3.6	3.2	2.4
-75°	6.0	5.0	4.2	3.8	3.6	3.1	2.4
-77.5°	5.4	4.6	4.1	3.8	3.6	3.1	2.4
-80°	4.8	4.4	4.0	3.7	3.6	3.1	2.4
-82.5°	4.5	4.2	3.9	3.7	3.6	3.1	2.4
-85°	4.2	4.0	3.8	3.7	3.6	3.1	2.4
-87.5°	3.9	3.8	3.7	3.6	3.6	3.0	2.4
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)