

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: P1305438 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-2S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305438 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-680R-57-70-2S-HEG-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

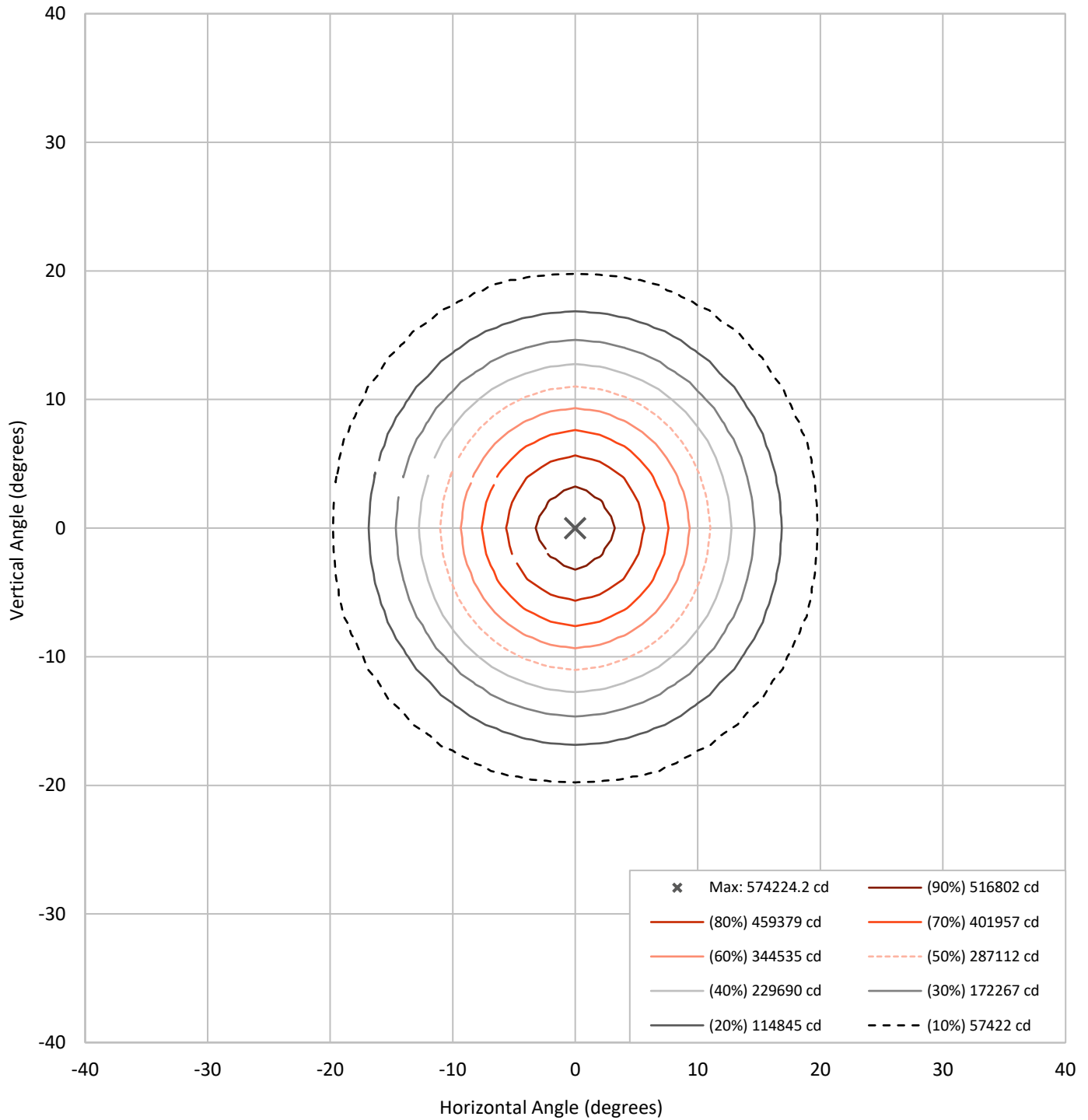
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	103435.9 lumens	Max Intensity:	574224.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	45715.2 lumens	Field Lumens:	84904.1 lumens
Beam Efficiency:	44.2%	Field Efficiency:	82.1%

Input Watts (W): 711  
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





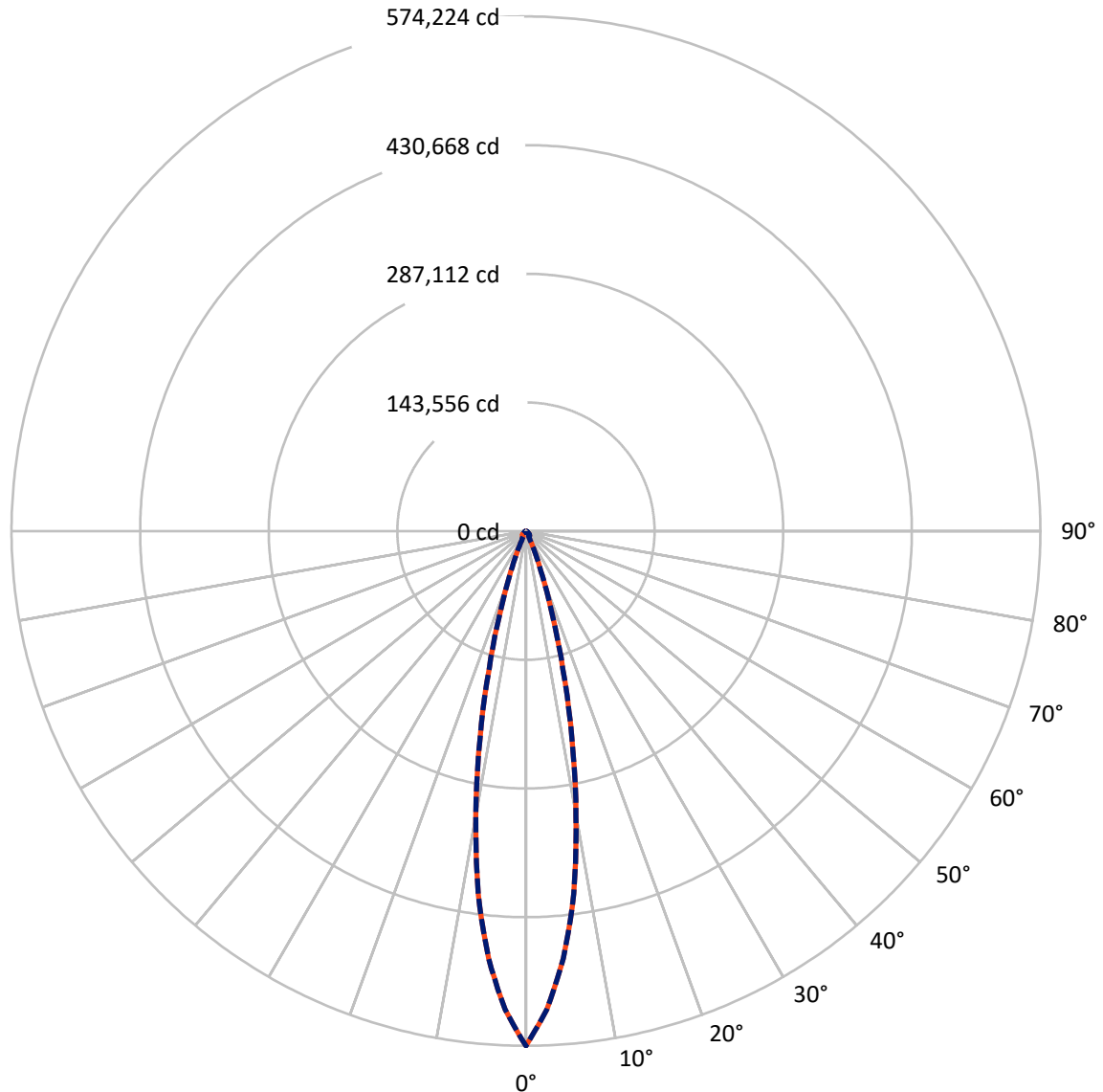
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### Lumen Table

90	0.2	1.1	3.6	9.1	12.0	9.1	3.6	1.1	0.2							
80	0.2	1.1	3.6	9.1	12.0	9.1	3.6	1.1	0.2							
70	0.5	0.5	2.2	6.5	13.0	19.9	25.7	28.9	28.9	25.7	19.9	13.0	6.5	2.2	0.5	0.5
60		1.6	7.6	18.4	31.8	44.2	52.7	57.1	57.1	52.7	44.2	31.8	18.4	7.6	1.6	
50	1.2	4.0	15.0	31.9	48.7	78.9	120.7	144.6	144.6	120.7	78.9	48.7	31.9	15.0	4.0	1.2
40		6.9	22.5	42.1	93.0	159.6	187.0	196.6	196.6	187.0	159.6	93.0	42.1	22.5	6.9	
30	2.6	9.6	28.3	62.2	144.4	179.7	245.7	501.4	501.4	245.7	179.7	144.4	62.2	28.3	9.6	2.6
20		11.6	31.5	89.6	158.7	231.3	1462.9	4334.9	4334.9	1462.9	231.3	158.7	89.6	31.5	11.6	
10	3.3	12.6	33.1	103.8	161.7	462.2	4224.8	11881.5	11881.5	4224.8	462.2	161.7	103.8	33.1	12.6	3.3
0		12.6	33.1	103.8	161.7	462.2	4224.8	11881.5	11881.5	4224.8	462.2	161.7	103.8	33.1	12.6	
-10	2.6	11.6	31.5	89.6	158.7	231.3	1462.9	4334.9	4334.9	1462.9	231.3	158.7	89.6	31.5	11.6	2.6
-20		9.6	28.3	62.2	144.4	179.7	245.7	501.4	501.4	245.7	179.7	144.4	62.2	28.3	9.6	
-30	1.2	6.9	22.5	42.1	93.0	159.6	187.0	196.6	196.6	187.0	159.6	93.0	42.1	22.5	6.9	1.2
-40		4.0	15.0	31.9	48.7	78.9	120.7	144.6	144.6	120.7	78.9	48.7	31.9	15.0	4.0	
-50	0.5	1.6	7.6	18.4	31.8	44.2	52.7	57.1	57.1	52.7	44.2	31.8	18.4	7.6	1.6	0.5
-60		0.5	2.2	6.5	13.0	19.9	25.7	28.9	28.9	25.7	19.9	13.0	6.5	2.2	0.5	
-70	0.2	1.1	3.6	9.1	12.0	9.1	3.6	1.1	0.2							
-80		0.2	1.1	3.6	9.1	12.0	9.1	3.6	1.1	0.2						
-90	0.2	1.1	3.6	9.1	12.0	9.1	3.6	1.1	0.2							

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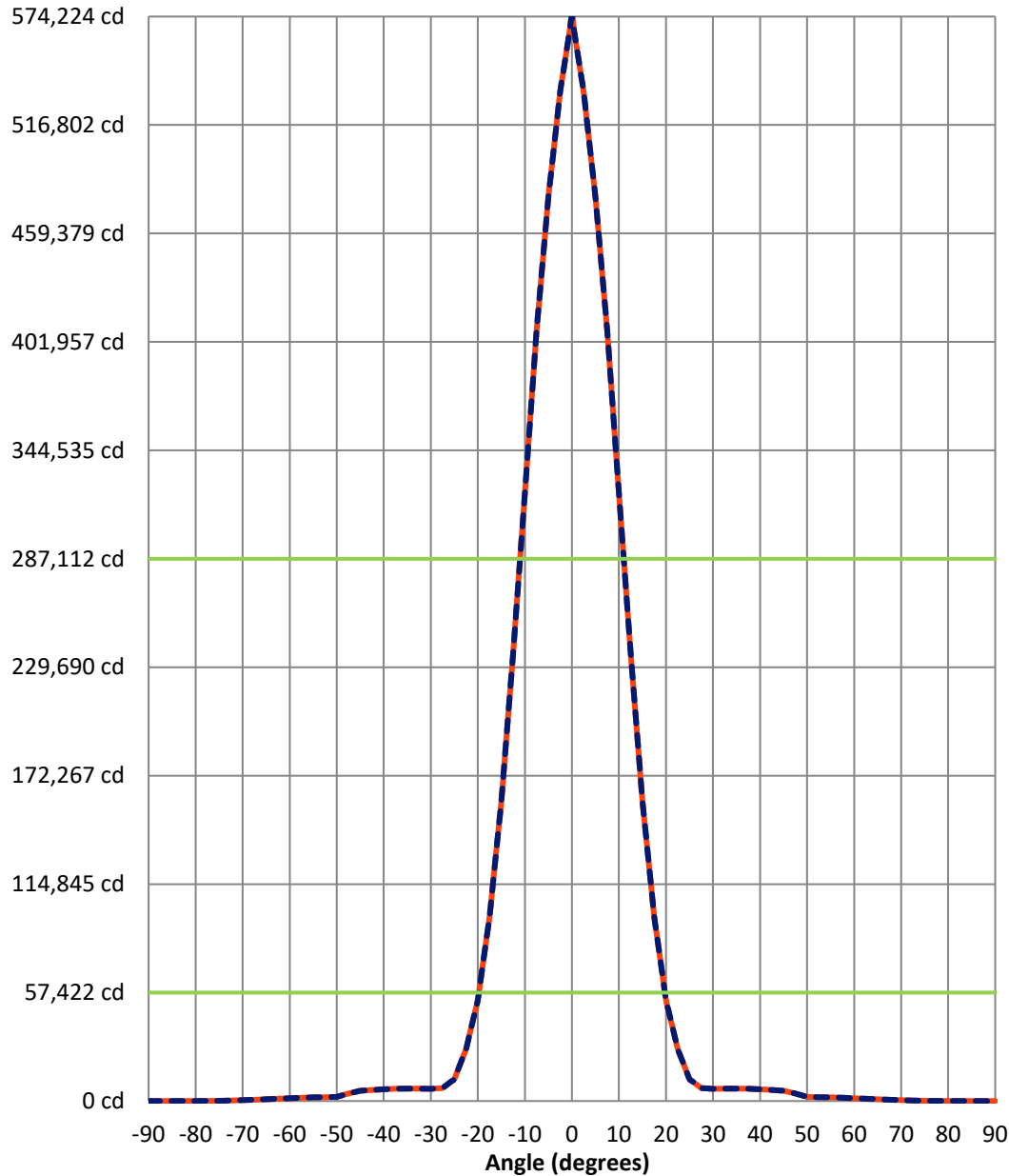
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22°  
 V Angle: 22°  
 Lumens: 45715.2  
 Efficiency: 44.2%

**Field:**  
 H Angle: 39.6°  
 V Angle: 39.6°  
 Lumens: 84904.1  
 Efficiency: 82.1%

**Spill:**  
 Lumens: 18531.8  
 Efficiency: 17.9%

— 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
85°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
82.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	9.6	10.8	11.5	12.1
80°	0.0	1.9	3.7	5.6	7.4	9.2	10.9	11.8	12.7	13.5	14.4
77.5°	0.0	2.3	4.6	6.9	9.2	11.1	12.2	13.4	14.5	15.6	16.8
75°	0.0	2.8	5.5	8.3	10.9	12.2	13.6	14.9	16.3	18.0	19.7
72.5°	0.0	3.2	6.4	9.6	11.8	13.4	14.9	16.6	18.7	20.7	22.6
70°	0.0	3.7	7.3	10.8	12.7	14.5	16.3	18.7	21.0	23.3	27.3
67.5°	0.0	4.1	8.2	11.5	13.5	15.6	18.0	20.7	23.3	27.8	32.2
65°	0.0	4.5	9.0	12.1	14.4	16.8	19.7	22.6	27.3	32.2	38.2
62.5°	0.0	4.9	9.9	12.8	15.2	18.2	21.4	25.6	31.1	37.2	46.5
60°	0.0	5.3	10.7	13.4	16.1	19.5	23.0	28.9	34.9	44.6	54.6
57.5°	0.0	5.7	11.1	14.0	17.1	20.9	25.7	32.2	40.8	51.7	75.5
55°	0.0	6.1	11.5	14.6	18.1	22.2	28.4	35.4	47.0	62.5	102.0
52.5°	0.0	6.5	11.9	15.1	19.1	23.6	31.0	40.4	53.0	85.6	127.7
50°	0.0	6.9	12.2	15.7	20.1	25.7	33.6	45.5	63.1	108.1	178.9
47.5°	0.0	7.2	12.6	16.3	21.0	27.7	36.3	50.5	82.4	129.9	231.5
45°	0.0	7.6	12.9	16.9	21.9	29.7	40.4	55.3	101.0	174.9	282.3
42.5°	0.0	7.9	13.3	17.6	22.8	31.6	44.3	66.3	118.9	218.7	341.3
40°	0.0	8.2	13.6	18.2	23.9	33.4	48.0	81.1	142.4	260.6	399.6
37.5°	0.0	8.5	13.9	18.8	25.3	35.1	51.6	95.3	177.7	303.2	455.2
35°	0.0	8.8	14.1	19.3	26.6	37.5	55.0	108.7	211.2	350.4	509.0
32.5°	0.0	9.0	14.4	19.8	27.8	40.2	60.4	121.4	242.7	394.9	561.4
30°	0.0	9.3	14.7	20.3	28.9	42.6	70.5	136.4	272.2	436.5	610.5
27.5°	0.0	9.5	14.9	20.8	30.0	44.9	79.8	160.3	302.1	475.2	656.2
25°	0.0	9.7	15.1	21.2	31.0	47.0	88.4	182.2	333.6	512.2	698.9
22.5°	0.0	9.9	15.3	21.6	31.9	48.9	96.3	202.3	362.4	546.6	746.7
20°	0.0	10.1	15.4	21.9	32.7	50.6	103.3	220.3	388.3	577.6	789.8
17.5°	0.0	10.2	15.6	22.2	33.4	52.1	109.6	236.3	411.4	605.2	828.2
15°	0.0	10.3	15.7	22.5	34.0	53.5	115.1	250.3	431.5	629.3	861.7
12.5°	0.0	10.4	15.8	22.7	34.5	54.6	119.8	262.2	448.6	649.8	890.3
10°	0.0	10.5	15.9	22.9	34.9	55.5	123.6	272.0	462.6	666.6	913.7
7.5°	0.0	10.6	16.0	23.0	35.3	56.3	126.6	279.6	473.6	679.7	932.0
5°	0.0	10.7	16.1	23.1	35.5	56.8	128.7	285.0	481.4	689.2	945.2
2.5°	0.0	10.7	16.1	23.2	35.7	57.1	130.0	288.3	486.1	694.8	953.1
0°	0.0	10.7	16.1	23.2	35.7	57.1	130.0	288.3	486.1	694.8	953.1
-2.5°	0.0	10.7	16.1	23.2	35.7	57.1	130.0	288.3	486.1	694.8	953.1
-5°	0.0	10.7	16.1	23.1	35.5	56.8	128.7	285.0	481.4	689.2	945.2
-7.5°	0.0	10.6	16.0	23.0	35.3	56.3	126.6	279.6	473.6	679.7	932.0
-10°	0.0	10.5	15.9	22.9	34.9	55.5	123.6	272.0	462.6	666.6	913.7
-12.5°	0.0	10.4	15.8	22.7	34.5	54.6	119.8	262.2	448.6	649.8	890.3
-15°	0.0	10.3	15.7	22.5	34.0	53.5	115.1	250.3	431.5	629.3	861.7
-17.5°	0.0	10.2	15.6	22.2	33.4	52.1	109.6	236.3	411.4	605.2	828.2
-20°	0.0	10.1	15.4	21.9	32.7	50.6	103.3	220.3	388.3	577.6	789.8



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 CATALOG NUMBER: EPH-08-680R-57-70-2S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.9	15.3	21.6	31.9	48.9	96.3	202.3	362.4	546.6	746.7
-25°	0.0	9.7	15.1	21.2	31.0	47.0	88.4	182.2	333.6	512.2	698.9
-27.5°	0.0	9.5	14.9	20.8	30.0	44.9	79.8	160.3	302.1	475.2	656.2
-30°	0.0	9.3	14.7	20.3	28.9	42.6	70.5	136.4	272.2	436.5	610.5
-32.5°	0.0	9.0	14.4	19.8	27.8	40.2	60.4	121.4	242.7	394.9	561.4
-35°	0.0	8.8	14.1	19.3	26.6	37.5	55.0	108.7	211.2	350.4	509.0
-37.5°	0.0	8.5	13.9	18.8	25.3	35.1	51.6	95.3	177.7	303.2	455.2
-40°	0.0	8.2	13.6	18.2	23.9	33.4	48.0	81.1	142.4	260.6	399.6
-42.5°	0.0	7.9	13.3	17.6	22.8	31.6	44.3	66.3	118.9	218.7	341.3
-45°	0.0	7.6	12.9	16.9	21.9	29.7	40.4	55.3	101.0	174.9	282.3
-47.5°	0.0	7.2	12.6	16.3	21.0	27.7	36.3	50.5	82.4	129.9	231.5
-50°	0.0	6.9	12.2	15.7	20.1	25.7	33.6	45.5	63.1	108.1	178.9
-52.5°	0.0	6.5	11.9	15.1	19.1	23.6	31.0	40.4	53.0	85.6	127.7
-55°	0.0	6.1	11.5	14.6	18.1	22.2	28.4	35.4	47.0	62.5	102.0
-57.5°	0.0	5.7	11.1	14.0	17.1	20.9	25.7	32.2	40.8	51.7	75.5
-60°	0.0	5.3	10.7	13.4	16.1	19.5	23.0	28.9	34.9	44.6	54.6
-62.5°	0.0	4.9	9.9	12.8	15.2	18.2	21.4	25.6	31.1	37.2	46.5
-65°	0.0	4.5	9.0	12.1	14.4	16.8	19.7	22.6	27.3	32.2	38.2
-67.5°	0.0	4.1	8.2	11.5	13.5	15.6	18.0	20.7	23.3	27.8	32.2
-70°	0.0	3.7	7.3	10.8	12.7	14.5	16.3	18.7	21.0	23.3	27.3
-72.5°	0.0	3.2	6.4	9.6	11.8	13.4	14.9	16.6	18.7	20.7	22.6
-75°	0.0	2.8	5.5	8.3	10.9	12.2	13.6	14.9	16.3	18.0	19.7
-77.5°	0.0	2.3	4.6	6.9	9.2	11.1	12.2	13.4	14.5	15.6	16.8
-80°	0.0	1.9	3.7	5.6	7.4	9.2	10.9	11.8	12.7	13.5	14.4
-82.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.3	9.6	10.8	11.5	12.1
-85°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
-87.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2	8.5
85°	9.9	10.7	11.1	11.5	11.9	12.2	12.6	12.9	13.3	13.6	13.9
82.5°	12.8	13.4	14.0	14.6	15.1	15.7	16.3	16.9	17.6	18.2	18.8
80°	15.2	16.1	17.1	18.1	19.1	20.1	21.0	21.9	22.8	23.9	25.3
77.5°	18.2	19.5	20.9	22.2	23.6	25.7	27.7	29.7	31.6	33.4	35.1
75°	21.4	23.0	25.7	28.4	31.0	33.6	36.3	40.4	44.3	48.0	51.6
72.5°	25.6	28.9	32.2	35.4	40.4	45.5	50.5	55.3	66.3	81.1	95.3
70°	31.1	34.9	40.8	47.0	53.0	63.1	82.4	101.0	118.9	142.4	177.7
67.5°	37.2	44.6	51.7	62.5	85.6	108.1	129.9	174.9	218.7	260.6	303.2
65°	46.5	54.6	75.5	102.0	127.7	178.9	231.5	282.3	341.3	399.6	455.2
62.5°	55.6	82.0	111.8	153.2	214.7	274.5	343.1	412.9	480.0	547.5	612.2
60°	82.0	115.1	167.5	236.3	306.9	388.3	467.3	546.6	624.1	698.9	786.9
57.5°	111.8	167.5	243.6	325.1	415.7	504.8	595.1	682.4	783.4	883.7	980.6
55°	153.2	236.3	325.1	424.8	524.2	624.4	727.7	844.6	957.5	1070.6	1178.8
52.5°	214.7	306.9	415.7	524.2	634.2	752.2	881.6	1009.3	1135.7	1256.2	1368.3
50°	274.5	388.3	504.8	624.4	752.2	894.0	1035.3	1175.1	1307.1	1432.5	1558.1
47.5°	343.1	467.3	595.1	727.7	881.6	1035.3	1188.3	1332.8	1471.4	1614.5	1753.1
45°	412.9	546.6	682.4	844.6	1009.3	1175.1	1332.8	1484.4	1642.9	1786.3	1889.6
42.5°	480.0	624.1	783.4	957.5	1135.7	1307.1	1471.4	1642.9	1796.4	1910.1	1976.0
40°	547.5	698.9	883.7	1070.6	1256.2	1432.5	1614.5	1786.3	1910.1	1979.1	2013.3
37.5°	612.2	786.9	980.6	1178.8	1368.3	1558.1	1753.1	1889.6	1976.0	2013.3	2143.1
35°	673.7	870.6	1075.7	1279.7	1475.3	1681.9	1848.9	1966.9	2007.1	2131.1	2604.8
32.5°	740.1	949.7	1165.7	1373.6	1583.9	1788.7	1937.2	1994.6	2095.6	2402.1	3643.9
30°	807.7	1026.8	1249.3	1462.0	1686.9	1866.4	1976.3	2037.2	2200.3	3333.8	4516.8
27.5°	870.6	1098.9	1325.2	1549.3	1777.3	1939.2	1999.4	2129.3	2824.2	4174.5	5281.3
25°	928.7	1165.7	1395.4	1631.7	1839.8	1972.2	2036.7	2215.2	3594.4	4845.7	5606.3
22.5°	982.9	1226.7	1459.8	1707.3	1897.3	1990.5	2110.3	2787.1	4249.5	5448.0	5805.5
20°	1032.9	1279.7	1520.6	1772.0	1949.5	2007.2	2177.2	3390.8	4778.9	5617.9	5968.9
17.5°	1077.4	1327.0	1576.5	1814.8	1969.1	2041.3	2308.9	3933.0	5255.4	5771.3	6107.6
15°	1116.3	1368.3	1625.4	1852.2	1981.1	2089.9	2749.0	4333.3	5509.7	5900.5	6230.0
12.5°	1149.4	1403.5	1667.1	1884.2	1991.3	2131.4	3126.0	4666.2	5617.3	5998.4	6316.6
10°	1176.6	1432.5	1701.5	1910.5	1999.8	2165.7	3437.8	4941.8	5706.5	6079.7	6388.8
7.5°	1197.9	1455.1	1728.3	1931.1	2006.4	2192.6	3682.3	5158.2	5776.7	6143.7	6445.7
5°	1213.2	1471.4	1747.6	1945.9	2011.2	2212.0	3858.2	5314.0	5827.3	6189.9	6486.8
2.5°	1222.3	1481.1	1759.2	1954.8	2014.0	2223.6	3964.2	5407.9	5857.8	6217.8	6511.7
0°	1225.4	1484.4	1763.1	1957.8	2015.0	2227.5	3999.6	5439.3	5868.0	6227.1	6520.0
-2.5°	1222.3	1481.1	1759.2	1954.8	2014.0	2223.6	3964.2	5407.9	5857.8	6217.8	6511.7
-5°	1213.2	1471.4	1747.6	1945.9	2011.2	2212.0	3858.2	5314.0	5827.3	6189.9	6486.8
-7.5°	1197.9	1455.1	1728.3	1931.1	2006.4	2192.6	3682.3	5158.2	5776.7	6143.7	6445.7
-10°	1176.6	1432.5	1701.5	1910.5	1999.8	2165.7	3437.8	4941.8	5706.5	6079.7	6388.8
-12.5°	1149.4	1403.5	1667.1	1884.2	1991.3	2131.4	3126.0	4666.2	5617.3	5998.4	6316.6
-15°	1116.3	1368.3	1625.4	1852.2	1981.1	2089.9	2749.0	4333.3	5509.7	5900.5	6230.0
-17.5°	1077.4	1327.0	1576.5	1814.8	1969.1	2041.3	2308.9	3933.0	5255.4	5771.3	6107.6
-20°	1032.9	1279.7	1520.6	1772.0	1949.5	2007.2	2177.2	3390.8	4778.9	5617.9	5968.9



REPORT NUMBER: P1305438 (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°	982.9	1226.7	1459.8	1707.3	1897.3	1990.5	2110.3	2787.1	4249.5	5448.0	5805.5
-25°	928.7	1165.7	1395.4	1631.7	1839.8	1972.2	2036.7	2215.2	3594.4	4845.7	5606.3
-27.5°	870.6	1098.9	1325.2	1549.3	1777.3	1939.2	1999.4	2129.3	2824.2	4174.5	5281.3
-30°	807.7	1026.8	1249.3	1462.0	1686.9	1866.4	1976.3	2037.2	2200.3	3333.8	4516.8
-32.5°	740.1	949.7	1165.7	1373.6	1583.9	1788.7	1937.2	1994.6	2095.6	2402.1	3643.9
-35°	673.7	870.6	1075.7	1279.7	1475.3	1681.9	1848.9	1966.9	2007.1	2131.1	2604.8
-37.5°	612.2	786.9	980.6	1178.8	1368.3	1558.1	1753.1	1889.6	1976.0	2013.3	2143.1
-40°	547.5	698.9	883.7	1070.6	1256.2	1432.5	1614.5	1786.3	1910.1	1979.1	2013.3
-42.5°	480.0	624.1	783.4	957.5	1135.7	1307.1	1471.4	1642.9	1796.4	1910.1	1976.0
-45°	412.9	546.6	682.4	844.6	1009.3	1175.1	1332.8	1484.4	1642.9	1786.3	1889.6
-47.5°	343.1	467.3	595.1	727.7	881.6	1035.3	1188.3	1332.8	1471.4	1614.5	1753.1
-50°	274.5	388.3	504.8	624.4	752.2	894.0	1035.3	1175.1	1307.1	1432.5	1558.1
-52.5°	214.7	306.9	415.7	524.2	634.2	752.2	881.6	1009.3	1135.7	1256.2	1368.3
-55°	153.2	236.3	325.1	424.8	524.2	624.4	727.7	844.6	957.5	1070.6	1178.8
-57.5°	111.8	167.5	243.6	325.1	415.7	504.8	595.1	682.4	783.4	883.7	980.6
-60°	82.0	115.1	167.5	236.3	306.9	388.3	467.3	546.6	624.1	698.9	786.9
-62.5°	55.6	82.0	111.8	153.2	214.7	274.5	343.1	412.9	480.0	547.5	612.2
-65°	46.5	54.6	75.5	102.0	127.7	178.9	231.5	282.3	341.3	399.6	455.2
-67.5°	37.2	44.6	51.7	62.5	85.6	108.1	129.9	174.9	218.7	260.6	303.2
-70°	31.1	34.9	40.8	47.0	53.0	63.1	82.4	101.0	118.9	142.4	177.7
-72.5°	25.6	28.9	32.2	35.4	40.4	45.5	50.5	55.3	66.3	81.1	95.3
-75°	21.4	23.0	25.7	28.4	31.0	33.6	36.3	40.4	44.3	48.0	51.6
-77.5°	18.2	19.5	20.9	22.2	23.6	25.7	27.7	29.7	31.6	33.4	35.1
-80°	15.2	16.1	17.1	18.1	19.1	20.1	21.0	21.9	22.8	23.9	25.3
-82.5°	12.8	13.4	14.0	14.6	15.1	15.7	16.3	16.9	17.6	18.2	18.8
-85°	9.9	10.7	11.1	11.5	11.9	12.2	12.6	12.9	13.3	13.6	13.9
-87.5°	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5
85°	14.1	14.4	14.7	14.9	15.1	15.3	15.4	15.6	15.7	15.8	15.9
82.5°	19.3	19.8	20.3	20.8	21.2	21.6	21.9	22.2	22.5	22.7	22.9
80°	26.6	27.8	28.9	30.0	31.0	31.9	32.7	33.4	34.0	34.5	34.9
77.5°	37.5	40.2	42.6	44.9	47.0	48.9	50.6	52.1	53.5	54.6	55.5
75°	55.0	60.4	70.5	79.8	88.4	96.3	103.3	109.6	115.1	119.8	123.6
72.5°	108.7	121.4	136.4	160.3	182.2	202.3	220.3	236.3	250.3	262.2	272.0
70°	211.2	242.7	272.2	302.1	333.6	362.4	388.3	411.4	431.5	448.6	462.6
67.5°	350.4	394.9	436.5	475.2	512.2	546.6	577.6	605.2	629.3	649.8	666.6
65°	509.0	561.4	610.5	656.2	698.9	746.7	789.8	828.2	861.7	890.3	913.7
62.5°	673.7	740.1	807.7	870.6	928.7	982.9	1032.9	1077.4	1116.3	1149.4	1176.6
60°	870.6	949.7	1026.8	1098.9	1165.7	1226.7	1279.7	1327.0	1368.3	1403.5	1432.5
57.5°	1075.7	1165.7	1249.3	1325.2	1395.4	1459.8	1520.6	1576.5	1625.4	1667.1	1701.5
55°	1279.7	1373.6	1462.0	1549.3	1631.7	1707.3	1772.0	1814.8	1852.2	1884.2	1910.5
52.5°	1475.3	1583.9	1686.9	1777.3	1839.8	1897.3	1949.5	1969.1	1981.1	1991.3	1999.8
50°	1681.9	1788.7	1866.4	1939.2	1972.2	1990.5	2007.2	2041.3	2089.9	2131.4	2165.7
47.5°	1848.9	1937.2	1976.3	1999.4	2036.7	2110.3	2177.2	2308.9	2749.0	3126.0	3437.8
45°	1966.9	1994.6	2037.2	2129.3	2215.2	2787.1	3390.8	3933.0	4333.3	4666.2	4941.8
42.5°	2007.1	2095.6	2200.3	2824.2	3594.4	4249.5	4778.9	5255.4	5509.7	5617.3	5706.5
40°	2131.1	2402.1	3333.8	4174.5	4845.7	5448.0	5617.9	5771.3	5900.5	5998.4	6079.7
37.5°	2604.8	3643.9	4516.8	5281.3	5606.3	5805.5	5968.9	6107.6	6230.0	6316.6	6388.8
35°	3748.0	4689.9	5471.3	5714.0	5930.7	6109.7	6265.9	6388.1	6496.8	6534.3	6550.1
32.5°	4689.9	5497.9	5768.5	6001.0	6205.7	6366.1	6510.9	6544.7	6568.5	6577.8	6575.7
30°	5471.3	5768.5	6024.6	6249.4	6427.5	6535.1	6566.5	6577.0	6573.9	6562.3	6528.6
27.5°	5714.0	6001.0	6249.4	6448.1	6543.7	6578.9	6574.8	6560.2	6510.3	6466.6	6612.8
25°	5930.7	6205.7	6427.5	6543.7	6578.4	6573.6	6534.2	6474.4	6650.3	6840.9	8192.4
22.5°	6109.7	6366.1	6535.1	6578.9	6573.6	6525.4	6507.7	6764.9	8159.0	10498.9	14681.6
20°	6265.9	6510.9	6566.5	6574.8	6534.2	6507.7	6803.8	9075.2	12778.2	21502.2	29962.7
17.5°	6388.1	6544.7	6577.0	6560.2	6474.4	6764.9	9075.2	14445.7	25038.2	39073.6	52717.9
15°	6496.8	6568.5	6573.9	6510.3	6650.3	8159.0	12778.2	25038.2	42198.7	63549.5	89541.9
12.5°	6534.3	6577.8	6562.3	6466.6	6840.9	10498.9	21502.2	39073.6	63549.5	95854.9	135413.9
10°	6550.1	6575.7	6528.6	6612.8	8192.4	14681.6	29962.7	52717.9	89541.9	135413.9	184935.5
7.5°	6562.6	6574.0	6501.7	6730.5	9650.4	20180.9	39961.8	71335.8	116507.9	172061.3	237793.8
5°	6571.7	6572.8	6482.2	6816.4	10719.0	24235.1	47390.5	85740.5	139436.8	205787.2	282444.1
2.5°	6577.2	6572.0	6470.4	6868.6	11371.8	26722.3	51974.5	94702.1	153873.4	228825.9	311557.5
0°	6579.0	6571.8	6466.4	6886.2	11591.4	27561.0	53525.0	97747.0	158812.1	237022.2	321766.6
-2.5°	6577.2	6572.0	6470.4	6868.6	11371.8	26722.3	51974.5	94702.1	153873.4	228825.9	311557.5
-5°	6571.7	6572.8	6482.2	6816.4	10719.0	24235.1	47390.5	85740.5	139436.8	205787.2	282444.1
-7.5°	6562.6	6574.0	6501.7	6730.5	9650.4	20180.9	39961.8	71335.8	116507.9	172061.3	237793.8
-10°	6550.1	6575.7	6528.6	6612.8	8192.4	14681.6	29962.7	52717.9	89541.9	135413.9	184935.5
-12.5°	6534.3	6577.8	6562.3	6466.6	6840.9	10498.9	21502.2	39073.6	63549.5	95854.9	135413.9
-15°	6496.8	6568.5	6573.9	6510.3	6650.3	8159.0	12778.2	25038.2	42198.7	63549.5	89541.9
-17.5°	6388.1	6544.7	6577.0	6560.2	6474.4	6764.9	9075.2	14445.7	25038.2	39073.6	52717.9
-20°	6265.9	6510.9	6566.5	6574.8	6534.2	6507.7	6803.8	9075.2	12778.2	21502.2	29962.7



REPORT NUMBER: P1305438 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	6109.7	6366.1	6535.1	6578.9	6573.6	6525.4	6507.7	6764.9	8159.0	10498.9	14681.6
-25°	5930.7	6205.7	6427.5	6543.7	6578.4	6573.6	6534.2	6474.4	6650.3	6840.9	8192.4
-27.5°	5714.0	6001.0	6249.4	6448.1	6543.7	6578.9	6574.8	6560.2	6510.3	6466.6	6612.8
-30°	5471.3	5768.5	6024.6	6249.4	6427.5	6535.1	6566.5	6577.0	6573.9	6562.3	6528.6
-32.5°	4689.9	5497.9	5768.5	6001.0	6205.7	6366.1	6510.9	6544.7	6568.5	6577.8	6575.7
-35°	3748.0	4689.9	5471.3	5714.0	5930.7	6109.7	6265.9	6388.1	6496.8	6534.3	6550.1
-37.5°	2604.8	3643.9	4516.8	5281.3	5606.3	5805.5	5968.9	6107.6	6230.0	6316.6	6388.8
-40°	2131.1	2402.1	3333.8	4174.5	4845.7	5448.0	5617.9	5771.3	5900.5	5998.4	6079.7
-42.5°	2007.1	2095.6	2200.3	2824.2	3594.4	4249.5	4778.9	5255.4	5509.7	5617.3	5706.5
-45°	1966.9	1994.6	2037.2	2129.3	2215.2	2787.1	3390.8	3933.0	4333.3	4666.2	4941.8
-47.5°	1848.9	1937.2	1976.3	1999.4	2036.7	2110.3	2177.2	2308.9	2749.0	3126.0	3437.8
-50°	1681.9	1788.7	1866.4	1939.2	1972.2	1990.5	2007.2	2041.3	2089.9	2131.4	2165.7
-52.5°	1475.3	1583.9	1686.9	1777.3	1839.8	1897.3	1949.5	1969.1	1981.1	1991.3	1999.8
-55°	1279.7	1373.6	1462.0	1549.3	1631.7	1707.3	1772.0	1814.8	1852.2	1884.2	1910.5
-57.5°	1075.7	1165.7	1249.3	1325.2	1395.4	1459.8	1520.6	1576.5	1625.4	1667.1	1701.5
-60°	870.6	949.7	1026.8	1098.9	1165.7	1226.7	1279.7	1327.0	1368.3	1403.5	1432.5
-62.5°	673.7	740.1	807.7	870.6	928.7	982.9	1032.9	1077.4	1116.3	1149.4	1176.6
-65°	509.0	561.4	610.5	656.2	698.9	746.7	789.8	828.2	861.7	890.3	913.7
-67.5°	350.4	394.9	436.5	475.2	512.2	546.6	577.6	605.2	629.3	649.8	666.6
-70°	211.2	242.7	272.2	302.1	333.6	362.4	388.3	411.4	431.5	448.6	462.6
-72.5°	108.7	121.4	136.4	160.3	182.2	202.3	220.3	236.3	250.3	262.2	272.0
-75°	55.0	60.4	70.5	79.8	88.4	96.3	103.3	109.6	115.1	119.8	123.6
-77.5°	37.5	40.2	42.6	44.9	47.0	48.9	50.6	52.1	53.5	54.6	55.5
-80°	26.6	27.8	28.9	30.0	31.0	31.9	32.7	33.4	34.0	34.5	34.9
-82.5°	19.3	19.8	20.3	20.8	21.2	21.6	21.9	22.2	22.5	22.7	22.9
-85°	14.1	14.4	14.7	14.9	15.1	15.3	15.4	15.6	15.7	15.8	15.9
-87.5°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.3	10.2
85°	16.0	16.1	16.1	16.1	16.1	16.1	16.0	15.9	15.8	15.7	15.6
82.5°	23.0	23.1	23.2	23.2	23.2	23.1	23.0	22.9	22.7	22.5	22.2
80°	35.3	35.5	35.7	35.7	35.7	35.5	35.3	34.9	34.5	34.0	33.4
77.5°	56.3	56.8	57.1	57.2	57.1	56.8	56.3	55.5	54.6	53.5	52.1
75°	126.6	128.7	130.0	130.4	130.0	128.7	126.6	123.6	119.8	115.1	109.6
72.5°	279.6	285.0	288.3	289.4	288.3	285.0	279.6	272.0	262.2	250.3	236.3
70°	473.6	481.4	486.1	487.7	486.1	481.4	473.6	462.6	448.6	431.5	411.4
67.5°	679.7	689.2	694.8	696.7	694.8	689.2	679.7	666.6	649.8	629.3	605.2
65°	932.0	945.2	953.1	955.7	953.1	945.2	932.0	913.7	890.3	861.7	828.2
62.5°	1197.9	1213.2	1222.3	1225.4	1222.3	1213.2	1197.9	1176.6	1149.4	1116.3	1077.4
60°	1455.1	1471.4	1481.1	1484.4	1481.1	1471.4	1455.1	1432.5	1403.5	1368.3	1327.0
57.5°	1728.3	1747.6	1759.2	1763.1	1759.2	1747.6	1728.3	1701.5	1667.1	1625.4	1576.5
55°	1931.1	1945.9	1954.8	1957.8	1954.8	1945.9	1931.1	1910.5	1884.2	1852.2	1814.8
52.5°	2006.4	2011.2	2014.0	2015.0	2014.0	2011.2	2006.4	1999.8	1991.3	1981.1	1969.1
50°	2192.6	2212.0	2223.6	2227.5	2223.6	2212.0	2192.6	2165.7	2131.4	2089.9	2041.3
47.5°	3682.3	3858.2	3964.2	3999.6	3964.2	3858.2	3682.3	3437.8	3126.0	2749.0	2308.9
45°	5158.2	5314.0	5407.9	5439.3	5407.9	5314.0	5158.2	4941.8	4666.2	4333.3	3933.0
42.5°	5776.7	5827.3	5857.8	5868.0	5857.8	5827.3	5776.7	5706.5	5617.3	5509.7	5255.4
40°	6143.7	6189.9	6217.8	6227.1	6217.8	6189.9	6143.7	6079.7	5998.4	5900.5	5771.3
37.5°	6445.7	6486.8	6511.7	6520.0	6511.7	6486.8	6445.7	6388.8	6316.6	6230.0	6107.6
35°	6562.6	6571.7	6577.2	6579.0	6577.2	6571.7	6562.6	6550.1	6534.3	6496.8	6388.1
32.5°	6574.0	6572.8	6572.0	6571.8	6572.0	6572.8	6574.0	6575.7	6577.8	6568.5	6544.7
30°	6501.7	6482.2	6470.4	6466.4	6470.4	6482.2	6501.7	6528.6	6562.3	6573.9	6577.0
27.5°	6730.5	6816.4	6868.6	6886.2	6868.6	6816.4	6730.5	6612.8	6466.6	6510.3	6560.2
25°	9650.4	10719.0	11371.8	11591.4	11371.8	10719.0	9650.4	8192.4	6840.9	6650.3	6474.4
22.5°	20180.9	24235.1	26722.3	27561.0	26722.3	24235.1	20180.9	14681.6	10498.9	8159.0	6764.9
20°	39961.8	47390.5	51974.5	53525.0	51974.5	47390.5	39961.8	29962.7	21502.2	12778.2	9075.2
17.5°	71335.8	85740.5	94702.1	97747.0	94702.1	85740.5	71335.8	52717.9	39073.6	25038.2	14445.7
15°	116507.9	139436.8	153873.4	158812.1	153873.4	139436.8	116507.9	89541.9	63549.5	42198.7	25038.2
12.5°	172061.3	205787.2	228825.9	237022.2	228825.9	205787.2	172061.3	135413.9	95854.9	63549.5	39073.6
10°	237793.8	282444.1	311557.5	321766.6	311557.5	282444.1	237793.8	184935.5	135413.9	89541.9	52717.9
7.5°	301949.8	354959.7	394060.8	408212.4	394060.8	354959.7	301949.8	237793.8	172061.3	116507.9	71335.8
5°	354959.7	423416.0	465390.2	478658.3	465390.2	423416.0	354959.7	282444.1	205787.2	139436.8	85740.5
2.5°	394060.8	465390.2	510763.6	534290.4	510763.6	465390.2	394060.8	311557.5	228825.9	153873.4	94702.1
0°	408212.4	478658.3	534290.4	574224.2	534290.4	478658.3	408212.4	321766.6	237022.2	158812.1	97747.0
-2.5°	394060.8	465390.2	510763.6	534290.4	510763.6	465390.2	394060.8	311557.5	228825.9	153873.4	94702.1
-5°	354959.7	423416.0	465390.2	478658.3	465390.2	423416.0	354959.7	282444.1	205787.2	139436.8	85740.5
-7.5°	301949.8	354959.7	394060.8	408212.4	394060.8	354959.7	301949.8	237793.8	172061.3	116507.9	71335.8
-10°	237793.8	282444.1	311557.5	321766.6	311557.5	282444.1	237793.8	184935.5	135413.9	89541.9	52717.9
-12.5°	172061.3	205787.2	228825.9	237022.2	228825.9	205787.2	172061.3	135413.9	95854.9	63549.5	39073.6
-15°	116507.9	139436.8	153873.4	158812.1	153873.4	139436.8	116507.9	89541.9	63549.5	42198.7	25038.2
-17.5°	71335.8	85740.5	94702.1	97747.0	94702.1	85740.5	71335.8	52717.9	39073.6	25038.2	14445.7
-20°	39961.8	47390.5	51974.5	53525.0	51974.5	47390.5	39961.8	29962.7	21502.2	12778.2	9075.2



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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°	20180.9	24235.1	26722.3	27561.0	26722.3	24235.1	20180.9	14681.6	10498.9	8159.0	6764.9
-25°	9650.4	10719.0	11371.8	11591.4	11371.8	10719.0	9650.4	8192.4	6840.9	6650.3	6474.4
-27.5°	6730.5	6816.4	6868.6	6886.2	6868.6	6816.4	6730.5	6612.8	6466.6	6510.3	6560.2
-30°	6501.7	6482.2	6470.4	6466.4	6470.4	6482.2	6501.7	6528.6	6562.3	6573.9	6577.0
-32.5°	6574.0	6572.8	6572.0	6571.8	6572.0	6572.8	6574.0	6575.7	6577.8	6568.5	6544.7
-35°	6562.6	6571.7	6577.2	6579.0	6577.2	6571.7	6562.6	6550.1	6534.3	6496.8	6388.1
-37.5°	6445.7	6486.8	6511.7	6520.0	6511.7	6486.8	6445.7	6388.8	6316.6	6230.0	6107.6
-40°	6143.7	6189.9	6217.8	6227.1	6217.8	6189.9	6143.7	6079.7	5998.4	5900.5	5771.3
-42.5°	5776.7	5827.3	5857.8	5868.0	5857.8	5827.3	5776.7	5706.5	5617.3	5509.7	5255.4
-45°	5158.2	5314.0	5407.9	5439.3	5407.9	5314.0	5158.2	4941.8	4666.2	4333.3	3933.0
-47.5°	3682.3	3858.2	3964.2	3999.6	3964.2	3858.2	3682.3	3437.8	3126.0	2749.0	2308.9
-50°	2192.6	2212.0	2223.6	2227.5	2223.6	2212.0	2192.6	2165.7	2131.4	2089.9	2041.3
-52.5°	2006.4	2011.2	2014.0	2015.0	2014.0	2011.2	2006.4	1999.8	1991.3	1981.1	1969.1
-55°	1931.1	1945.9	1954.8	1957.8	1954.8	1945.9	1931.1	1910.5	1884.2	1852.2	1814.8
-57.5°	1728.3	1747.6	1759.2	1763.1	1759.2	1747.6	1728.3	1701.5	1667.1	1625.4	1576.5
-60°	1455.1	1471.4	1481.1	1484.4	1481.1	1471.4	1455.1	1432.5	1403.5	1368.3	1327.0
-62.5°	1197.9	1213.2	1222.3	1225.4	1222.3	1213.2	1197.9	1176.6	1149.4	1116.3	1077.4
-65°	932.0	945.2	953.1	955.7	953.1	945.2	932.0	913.7	890.3	861.7	828.2
-67.5°	679.7	689.2	694.8	696.7	694.8	689.2	679.7	666.6	649.8	629.3	605.2
-70°	473.6	481.4	486.1	487.7	486.1	481.4	473.6	462.6	448.6	431.5	411.4
-72.5°	279.6	285.0	288.3	289.4	288.3	285.0	279.6	272.0	262.2	250.3	236.3
-75°	126.6	128.7	130.0	130.4	130.0	128.7	126.6	123.6	119.8	115.1	109.6
-77.5°	56.3	56.8	57.1	57.2	57.1	56.8	56.3	55.5	54.6	53.5	52.1
-80°	35.3	35.5	35.7	35.7	35.7	35.5	35.3	34.9	34.5	34.0	33.4
-82.5°	23.0	23.1	23.2	23.2	23.2	23.1	23.0	22.9	22.7	22.5	22.2
-85°	16.0	16.1	16.1	16.1	16.1	16.1	16.0	15.9	15.8	15.7	15.6
-87.5°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.3	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
85°	15.4	15.3	15.1	14.9	14.7	14.4	14.1	13.9	13.6	13.3	12.9
82.5°	21.9	21.6	21.2	20.8	20.3	19.8	19.3	18.8	18.2	17.6	16.9
80°	32.7	31.9	31.0	30.0	28.9	27.8	26.6	25.3	23.9	22.8	21.9
77.5°	50.6	48.9	47.0	44.9	42.6	40.2	37.5	35.1	33.4	31.6	29.7
75°	103.3	96.3	88.4	79.8	70.5	60.4	55.0	51.6	48.0	44.3	40.4
72.5°	220.3	202.3	182.2	160.3	136.4	121.4	108.7	95.3	81.1	66.3	55.3
70°	388.3	362.4	333.6	302.1	272.2	242.7	211.2	177.7	142.4	118.9	101.0
67.5°	577.6	546.6	512.2	475.2	436.5	394.9	350.4	303.2	260.6	218.7	174.9
65°	789.8	746.7	698.9	656.2	610.5	561.4	509.0	455.2	399.6	341.3	282.3
62.5°	1032.9	982.9	928.7	870.6	807.7	740.1	673.7	612.2	547.5	480.0	412.9
60°	1279.7	1226.7	1165.7	1098.9	1026.8	949.7	870.6	786.9	698.9	624.1	546.6
57.5°	1520.6	1459.8	1395.4	1325.2	1249.3	1165.7	1075.7	980.6	883.7	783.4	682.4
55°	1772.0	1707.3	1631.7	1549.3	1462.0	1373.6	1279.7	1178.8	1070.6	957.5	844.6
52.5°	1949.5	1897.3	1839.8	1777.3	1686.9	1583.9	1475.3	1368.3	1256.2	1135.7	1009.3
50°	2007.2	1990.5	1972.2	1939.2	1866.4	1788.7	1681.9	1558.1	1432.5	1307.1	1175.1
47.5°	2177.2	2110.3	2036.7	1999.4	1976.3	1937.2	1848.9	1753.1	1614.5	1471.4	1332.8
45°	3390.8	2787.1	2215.2	2129.3	2037.2	1994.6	1966.9	1889.6	1786.3	1642.9	1484.4
42.5°	4778.9	4249.5	3594.4	2824.2	2200.3	2095.6	2007.1	1976.0	1910.1	1796.4	1642.9
40°	5617.9	5448.0	4845.7	4174.5	3333.8	2402.1	2131.1	2013.3	1979.1	1910.1	1786.3
37.5°	5968.9	5805.5	5606.3	5281.3	4516.8	3643.9	2604.8	2143.1	2013.3	1976.0	1889.6
35°	6265.9	6109.7	5930.7	5714.0	5471.3	4689.9	3748.0	2604.8	2131.1	2007.1	1966.9
32.5°	6510.9	6366.1	6205.7	6001.0	5768.5	5497.9	4689.9	3643.9	2402.1	2095.6	1994.6
30°	6566.5	6535.1	6427.5	6249.4	6024.6	5768.5	5471.3	4516.8	3333.8	2200.3	2037.2
27.5°	6574.8	6578.9	6543.7	6448.1	6249.4	6001.0	5714.0	5281.3	4174.5	2824.2	2129.3
25°	6534.2	6573.6	6578.4	6543.7	6427.5	6205.7	5930.7	5606.3	4845.7	3594.4	2215.2
22.5°	6507.7	6525.4	6573.6	6578.9	6535.1	6366.1	6109.7	5805.5	5448.0	4249.5	2787.1
20°	6803.8	6507.7	6534.2	6574.8	6566.5	6510.9	6265.9	5968.9	5617.9	4778.9	3390.8
17.5°	9075.2	6764.9	6474.4	6560.2	6577.0	6544.7	6388.1	6107.6	5771.3	5255.4	3933.0
15°	12778.2	8159.0	6650.3	6510.3	6573.9	6568.5	6496.8	6230.0	5900.5	5509.7	4333.3
12.5°	21502.2	10498.9	6840.9	6466.6	6562.3	6577.8	6534.3	6316.6	5998.4	5617.3	4666.2
10°	29962.7	14681.6	8192.4	6612.8	6528.6	6575.7	6550.1	6388.8	6079.7	5706.5	4941.8
7.5°	39961.8	20180.9	9650.4	6730.5	6501.7	6574.0	6562.6	6445.7	6143.7	5776.7	5158.2
5°	47390.5	24235.1	10719.0	6816.4	6482.2	6572.8	6571.7	6486.8	6189.9	5827.3	5314.0
2.5°	51974.5	26722.3	11371.8	6868.6	6470.4	6572.0	6577.2	6511.7	6217.8	5857.8	5407.9
0°	53525.0	27561.0	11591.4	6886.2	6466.4	6571.8	6579.0	6520.0	6227.1	5868.0	5439.3
-2.5°	51974.5	26722.3	11371.8	6868.6	6470.4	6572.0	6577.2	6511.7	6217.8	5857.8	5407.9
-5°	47390.5	24235.1	10719.0	6816.4	6482.2	6572.8	6571.7	6486.8	6189.9	5827.3	5314.0
-7.5°	39961.8	20180.9	9650.4	6730.5	6501.7	6574.0	6562.6	6445.7	6143.7	5776.7	5158.2
-10°	29962.7	14681.6	8192.4	6612.8	6528.6	6575.7	6550.1	6388.8	6079.7	5706.5	4941.8
-12.5°	21502.2	10498.9	6840.9	6466.6	6562.3	6577.8	6534.3	6316.6	5998.4	5617.3	4666.2
-15°	12778.2	8159.0	6650.3	6510.3	6573.9	6568.5	6496.8	6230.0	5900.5	5509.7	4333.3
-17.5°	9075.2	6764.9	6474.4	6560.2	6577.0	6544.7	6388.1	6107.6	5771.3	5255.4	3933.0
-20°	6803.8	6507.7	6534.2	6574.8	6566.5	6510.9	6265.9	5968.9	5617.9	4778.9	3390.8



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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°	6507.7	6525.4	6573.6	6578.9	6535.1	6366.1	6109.7	5805.5	5448.0	4249.5	2787.1
-25°	6534.2	6573.6	6578.4	6543.7	6427.5	6205.7	5930.7	5606.3	4845.7	3594.4	2215.2
-27.5°	6574.8	6578.9	6543.7	6448.1	6249.4	6001.0	5714.0	5281.3	4174.5	2824.2	2129.3
-30°	6566.5	6535.1	6427.5	6249.4	6024.6	5768.5	5471.3	4516.8	3333.8	2200.3	2037.2
-32.5°	6510.9	6366.1	6205.7	6001.0	5768.5	5497.9	4689.9	3643.9	2402.1	2095.6	1994.6
-35°	6265.9	6109.7	5930.7	5714.0	5471.3	4689.9	3748.0	2604.8	2131.1	2007.1	1966.9
-37.5°	5968.9	5805.5	5606.3	5281.3	4516.8	3643.9	2604.8	2143.1	2013.3	1976.0	1889.6
-40°	5617.9	5448.0	4845.7	4174.5	3333.8	2402.1	2131.1	2013.3	1979.1	1910.1	1786.3
-42.5°	4778.9	4249.5	3594.4	2824.2	2200.3	2095.6	2007.1	1976.0	1910.1	1796.4	1642.9
-45°	3390.8	2787.1	2215.2	2129.3	2037.2	1994.6	1966.9	1889.6	1786.3	1642.9	1484.4
-47.5°	2177.2	2110.3	2036.7	1999.4	1976.3	1937.2	1848.9	1753.1	1614.5	1471.4	1332.8
-50°	2007.2	1990.5	1972.2	1939.2	1866.4	1788.7	1681.9	1558.1	1432.5	1307.1	1175.1
-52.5°	1949.5	1897.3	1839.8	1777.3	1686.9	1583.9	1475.3	1368.3	1256.2	1135.7	1009.3
-55°	1772.0	1707.3	1631.7	1549.3	1462.0	1373.6	1279.7	1178.8	1070.6	957.5	844.6
-57.5°	1520.6	1459.8	1395.4	1325.2	1249.3	1165.7	1075.7	980.6	883.7	783.4	682.4
-60°	1279.7	1226.7	1165.7	1098.9	1026.8	949.7	870.6	786.9	698.9	624.1	546.6
-62.5°	1032.9	982.9	928.7	870.6	807.7	740.1	673.7	612.2	547.5	480.0	412.9
-65°	789.8	746.7	698.9	656.2	610.5	561.4	509.0	455.2	399.6	341.3	282.3
-67.5°	577.6	546.6	512.2	475.2	436.5	394.9	350.4	303.2	260.6	218.7	174.9
-70°	388.3	362.4	333.6	302.1	272.2	242.7	211.2	177.7	142.4	118.9	101.0
-72.5°	220.3	202.3	182.2	160.3	136.4	121.4	108.7	95.3	81.1	66.3	55.3
-75°	103.3	96.3	88.4	79.8	70.5	60.4	55.0	51.6	48.0	44.3	40.4
-77.5°	50.6	48.9	47.0	44.9	42.6	40.2	37.5	35.1	33.4	31.6	29.7
-80°	32.7	31.9	31.0	30.0	28.9	27.8	26.6	25.3	23.9	22.8	21.9
-82.5°	21.9	21.6	21.2	20.8	20.3	19.8	19.3	18.8	18.2	17.6	16.9
-85°	15.4	15.3	15.1	14.9	14.7	14.4	14.1	13.9	13.6	13.3	12.9
-87.5°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.2
85°	12.6	12.2	11.9	11.5	11.1	10.7	9.9	9.0	8.2	7.3	6.4
82.5°	16.3	15.7	15.1	14.6	14.0	13.4	12.8	12.1	11.5	10.8	9.6
80°	21.0	20.1	19.1	18.1	17.1	16.1	15.2	14.4	13.5	12.7	11.8
77.5°	27.7	25.7	23.6	22.2	20.9	19.5	18.2	16.8	15.6	14.5	13.4
75°	36.3	33.6	31.0	28.4	25.7	23.0	21.4	19.7	18.0	16.3	14.9
72.5°	50.5	45.5	40.4	35.4	32.2	28.9	25.6	22.6	20.7	18.7	16.6
70°	82.4	63.1	53.0	47.0	40.8	34.9	31.1	27.3	23.3	21.0	18.7
67.5°	129.9	108.1	85.6	62.5	51.7	44.6	37.2	32.2	27.8	23.3	20.7
65°	231.5	178.9	127.7	102.0	75.5	54.6	46.5	38.2	32.2	27.3	22.6
62.5°	343.1	274.5	214.7	153.2	111.8	82.0	55.6	46.5	37.2	31.1	25.6
60°	467.3	388.3	306.9	236.3	167.5	115.1	82.0	54.6	44.6	34.9	28.9
57.5°	595.1	504.8	415.7	325.1	243.6	167.5	111.8	75.5	51.7	40.8	32.2
55°	727.7	624.4	524.2	424.8	325.1	236.3	153.2	102.0	62.5	47.0	35.4
52.5°	881.6	752.2	634.2	524.2	415.7	306.9	214.7	127.7	85.6	53.0	40.4
50°	1035.3	894.0	752.2	624.4	504.8	388.3	274.5	178.9	108.1	63.1	45.5
47.5°	1188.3	1035.3	881.6	727.7	595.1	467.3	343.1	231.5	129.9	82.4	50.5
45°	1332.8	1175.1	1009.3	844.6	682.4	546.6	412.9	282.3	174.9	101.0	55.3
42.5°	1471.4	1307.1	1135.7	957.5	783.4	624.1	480.0	341.3	218.7	118.9	66.3
40°	1614.5	1432.5	1256.2	1070.6	883.7	698.9	547.5	399.6	260.6	142.4	81.1
37.5°	1753.1	1558.1	1368.3	1178.8	980.6	786.9	612.2	455.2	303.2	177.7	95.3
35°	1848.9	1681.9	1475.3	1279.7	1075.7	870.6	673.7	509.0	350.4	211.2	108.7
32.5°	1937.2	1788.7	1583.9	1373.6	1165.7	949.7	740.1	561.4	394.9	242.7	121.4
30°	1976.3	1866.4	1686.9	1462.0	1249.3	1026.8	807.7	610.5	436.5	272.2	136.4
27.5°	1999.4	1939.2	1777.3	1549.3	1325.2	1098.9	870.6	656.2	475.2	302.1	160.3
25°	2036.7	1972.2	1839.8	1631.7	1395.4	1165.7	928.7	698.9	512.2	333.6	182.2
22.5°	2110.3	1990.5	1897.3	1707.3	1459.8	1226.7	982.9	746.7	546.6	362.4	202.3
20°	2177.2	2007.2	1949.5	1772.0	1520.6	1279.7	1032.9	789.8	577.6	388.3	220.3
17.5°	2308.9	2041.3	1969.1	1814.8	1576.5	1327.0	1077.4	828.2	605.2	411.4	236.3
15°	2749.0	2089.9	1981.1	1852.2	1625.4	1368.3	1116.3	861.7	629.3	431.5	250.3
12.5°	3126.0	2131.4	1991.3	1884.2	1667.1	1403.5	1149.4	890.3	649.8	448.6	262.2
10°	3437.8	2165.7	1999.8	1910.5	1701.5	1432.5	1176.6	913.7	666.6	462.6	272.0
7.5°	3682.3	2192.6	2006.4	1931.1	1728.3	1455.1	1197.9	932.0	679.7	473.6	279.6
5°	3858.2	2212.0	2011.2	1945.9	1747.6	1471.4	1213.2	945.2	689.2	481.4	285.0
2.5°	3964.2	2223.6	2014.0	1954.8	1759.2	1481.1	1222.3	953.1	694.8	486.1	288.3
0°	3999.6	2227.5	2015.0	1957.8	1763.1	1484.4	1225.4	955.7	696.7	487.7	289.4
-2.5°	3964.2	2223.6	2014.0	1954.8	1759.2	1481.1	1222.3	953.1	694.8	486.1	288.3
-5°	3858.2	2212.0	2011.2	1945.9	1747.6	1471.4	1213.2	945.2	689.2	481.4	285.0
-7.5°	3682.3	2192.6	2006.4	1931.1	1728.3	1455.1	1197.9	932.0	679.7	473.6	279.6
-10°	3437.8	2165.7	1999.8	1910.5	1701.5	1432.5	1176.6	913.7	666.6	462.6	272.0
-12.5°	3126.0	2131.4	1991.3	1884.2	1667.1	1403.5	1149.4	890.3	649.8	448.6	262.2
-15°	2749.0	2089.9	1981.1	1852.2	1625.4	1368.3	1116.3	861.7	629.3	431.5	250.3
-17.5°	2308.9	2041.3	1969.1	1814.8	1576.5	1327.0	1077.4	828.2	605.2	411.4	236.3
-20°	2177.2	2007.2	1949.5	1772.0	1520.6	1279.7	1032.9	789.8	577.6	388.3	220.3



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2110.3	1990.5	1897.3	1707.3	1459.8	1226.7	982.9	746.7	546.6	362.4	202.3
-25°	2036.7	1972.2	1839.8	1631.7	1395.4	1165.7	928.7	698.9	512.2	333.6	182.2
-27.5°	1999.4	1939.2	1777.3	1549.3	1325.2	1098.9	870.6	656.2	475.2	302.1	160.3
-30°	1976.3	1866.4	1686.9	1462.0	1249.3	1026.8	807.7	610.5	436.5	272.2	136.4
-32.5°	1937.2	1788.7	1583.9	1373.6	1165.7	949.7	740.1	561.4	394.9	242.7	121.4
-35°	1848.9	1681.9	1475.3	1279.7	1075.7	870.6	673.7	509.0	350.4	211.2	108.7
-37.5°	1753.1	1558.1	1368.3	1178.8	980.6	786.9	612.2	455.2	303.2	177.7	95.3
-40°	1614.5	1432.5	1256.2	1070.6	883.7	698.9	547.5	399.6	260.6	142.4	81.1
-42.5°	1471.4	1307.1	1135.7	957.5	783.4	624.1	480.0	341.3	218.7	118.9	66.3
-45°	1332.8	1175.1	1009.3	844.6	682.4	546.6	412.9	282.3	174.9	101.0	55.3
-47.5°	1188.3	1035.3	881.6	727.7	595.1	467.3	343.1	231.5	129.9	82.4	50.5
-50°	1035.3	894.0	752.2	624.4	504.8	388.3	274.5	178.9	108.1	63.1	45.5
-52.5°	881.6	752.2	634.2	524.2	415.7	306.9	214.7	127.7	85.6	53.0	40.4
-55°	727.7	624.4	524.2	424.8	325.1	236.3	153.2	102.0	62.5	47.0	35.4
-57.5°	595.1	504.8	415.7	325.1	243.6	167.5	111.8	75.5	51.7	40.8	32.2
-60°	467.3	388.3	306.9	236.3	167.5	115.1	82.0	54.6	44.6	34.9	28.9
-62.5°	343.1	274.5	214.7	153.2	111.8	82.0	55.6	46.5	37.2	31.1	25.6
-65°	231.5	178.9	127.7	102.0	75.5	54.6	46.5	38.2	32.2	27.3	22.6
-67.5°	129.9	108.1	85.6	62.5	51.7	44.6	37.2	32.2	27.8	23.3	20.7
-70°	82.4	63.1	53.0	47.0	40.8	34.9	31.1	27.3	23.3	21.0	18.7
-72.5°	50.5	45.5	40.4	35.4	32.2	28.9	25.6	22.6	20.7	18.7	16.6
-75°	36.3	33.6	31.0	28.4	25.7	23.0	21.4	19.7	18.0	16.3	14.9
-77.5°	27.7	25.7	23.6	22.2	20.9	19.5	18.2	16.8	15.6	14.5	13.4
-80°	21.0	20.1	19.1	18.1	17.1	16.1	15.2	14.4	13.5	12.7	11.8
-82.5°	16.3	15.7	15.1	14.6	14.0	13.4	12.8	12.1	11.5	10.8	9.6
-85°	12.6	12.2	11.9	11.5	11.1	10.7	9.9	9.0	8.2	7.3	6.4
-87.5°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
85°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
82.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
80°	10.9	9.2	7.4	5.6	3.7	1.9	0.0
77.5°	12.2	11.1	9.2	6.9	4.6	2.3	0.0
75°	13.6	12.2	10.9	8.3	5.5	2.8	0.0
72.5°	14.9	13.4	11.8	9.6	6.4	3.2	0.0
70°	16.3	14.5	12.7	10.8	7.3	3.7	0.0
67.5°	18.0	15.6	13.5	11.5	8.2	4.1	0.0
65°	19.7	16.8	14.4	12.1	9.0	4.5	0.0
62.5°	21.4	18.2	15.2	12.8	9.9	4.9	0.0
60°	23.0	19.5	16.1	13.4	10.7	5.3	0.0
57.5°	25.7	20.9	17.1	14.0	11.1	5.7	0.0
55°	28.4	22.2	18.1	14.6	11.5	6.1	0.0
52.5°	31.0	23.6	19.1	15.1	11.9	6.5	0.0
50°	33.6	25.7	20.1	15.7	12.2	6.9	0.0
47.5°	36.3	27.7	21.0	16.3	12.6	7.2	0.0
45°	40.4	29.7	21.9	16.9	12.9	7.6	0.0
42.5°	44.3	31.6	22.8	17.6	13.3	7.9	0.0
40°	48.0	33.4	23.9	18.2	13.6	8.2	0.0
37.5°	51.6	35.1	25.3	18.8	13.9	8.5	0.0
35°	55.0	37.5	26.6	19.3	14.1	8.8	0.0
32.5°	60.4	40.2	27.8	19.8	14.4	9.0	0.0
30°	70.5	42.6	28.9	20.3	14.7	9.3	0.0
27.5°	79.8	44.9	30.0	20.8	14.9	9.5	0.0
25°	88.4	47.0	31.0	21.2	15.1	9.7	0.0
22.5°	96.3	48.9	31.9	21.6	15.3	9.9	0.0
20°	103.3	50.6	32.7	21.9	15.4	10.1	0.0
17.5°	109.6	52.1	33.4	22.2	15.6	10.2	0.0
15°	115.1	53.5	34.0	22.5	15.7	10.3	0.0
12.5°	119.8	54.6	34.5	22.7	15.8	10.4	0.0
10°	123.6	55.5	34.9	22.9	15.9	10.5	0.0
7.5°	126.6	56.3	35.3	23.0	16.0	10.6	0.0
5°	128.7	56.8	35.5	23.1	16.1	10.7	0.0
2.5°	130.0	57.1	35.7	23.2	16.1	10.7	0.0
0°	130.4	57.2	35.7	23.2	16.1	10.7	0.0
-2.5°	130.0	57.1	35.7	23.2	16.1	10.7	0.0
-5°	128.7	56.8	35.5	23.1	16.1	10.7	0.0
-7.5°	126.6	56.3	35.3	23.0	16.0	10.6	0.0
-10°	123.6	55.5	34.9	22.9	15.9	10.5	0.0
-12.5°	119.8	54.6	34.5	22.7	15.8	10.4	0.0
-15°	115.1	53.5	34.0	22.5	15.7	10.3	0.0
-17.5°	109.6	52.1	33.4	22.2	15.6	10.2	0.0
-20°	103.3	50.6	32.7	21.9	15.4	10.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.3	48.9	31.9	21.6	15.3	9.9	0.0
-25°	88.4	47.0	31.0	21.2	15.1	9.7	0.0
-27.5°	79.8	44.9	30.0	20.8	14.9	9.5	0.0
-30°	70.5	42.6	28.9	20.3	14.7	9.3	0.0
-32.5°	60.4	40.2	27.8	19.8	14.4	9.0	0.0
-35°	55.0	37.5	26.6	19.3	14.1	8.8	0.0
-37.5°	51.6	35.1	25.3	18.8	13.9	8.5	0.0
-40°	48.0	33.4	23.9	18.2	13.6	8.2	0.0
-42.5°	44.3	31.6	22.8	17.6	13.3	7.9	0.0
-45°	40.4	29.7	21.9	16.9	12.9	7.6	0.0
-47.5°	36.3	27.7	21.0	16.3	12.6	7.2	0.0
-50°	33.6	25.7	20.1	15.7	12.2	6.9	0.0
-52.5°	31.0	23.6	19.1	15.1	11.9	6.5	0.0
-55°	28.4	22.2	18.1	14.6	11.5	6.1	0.0
-57.5°	25.7	20.9	17.1	14.0	11.1	5.7	0.0
-60°	23.0	19.5	16.1	13.4	10.7	5.3	0.0
-62.5°	21.4	18.2	15.2	12.8	9.9	4.9	0.0
-65°	19.7	16.8	14.4	12.1	9.0	4.5	0.0
-67.5°	18.0	15.6	13.5	11.5	8.2	4.1	0.0
-70°	16.3	14.5	12.7	10.8	7.3	3.7	0.0
-72.5°	14.9	13.4	11.8	9.6	6.4	3.2	0.0
-75°	13.6	12.2	10.9	8.3	5.5	2.8	0.0
-77.5°	12.2	11.1	9.2	6.9	4.6	2.3	0.0
-80°	10.9	9.2	7.4	5.6	3.7	1.9	0.0
-82.5°	8.3	6.9	5.6	4.2	2.8	1.4	0.0
-85°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-87.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)