

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: P1306345 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-7F-CV1-A**

Issue Date: 2/3/2026

**Test Information**

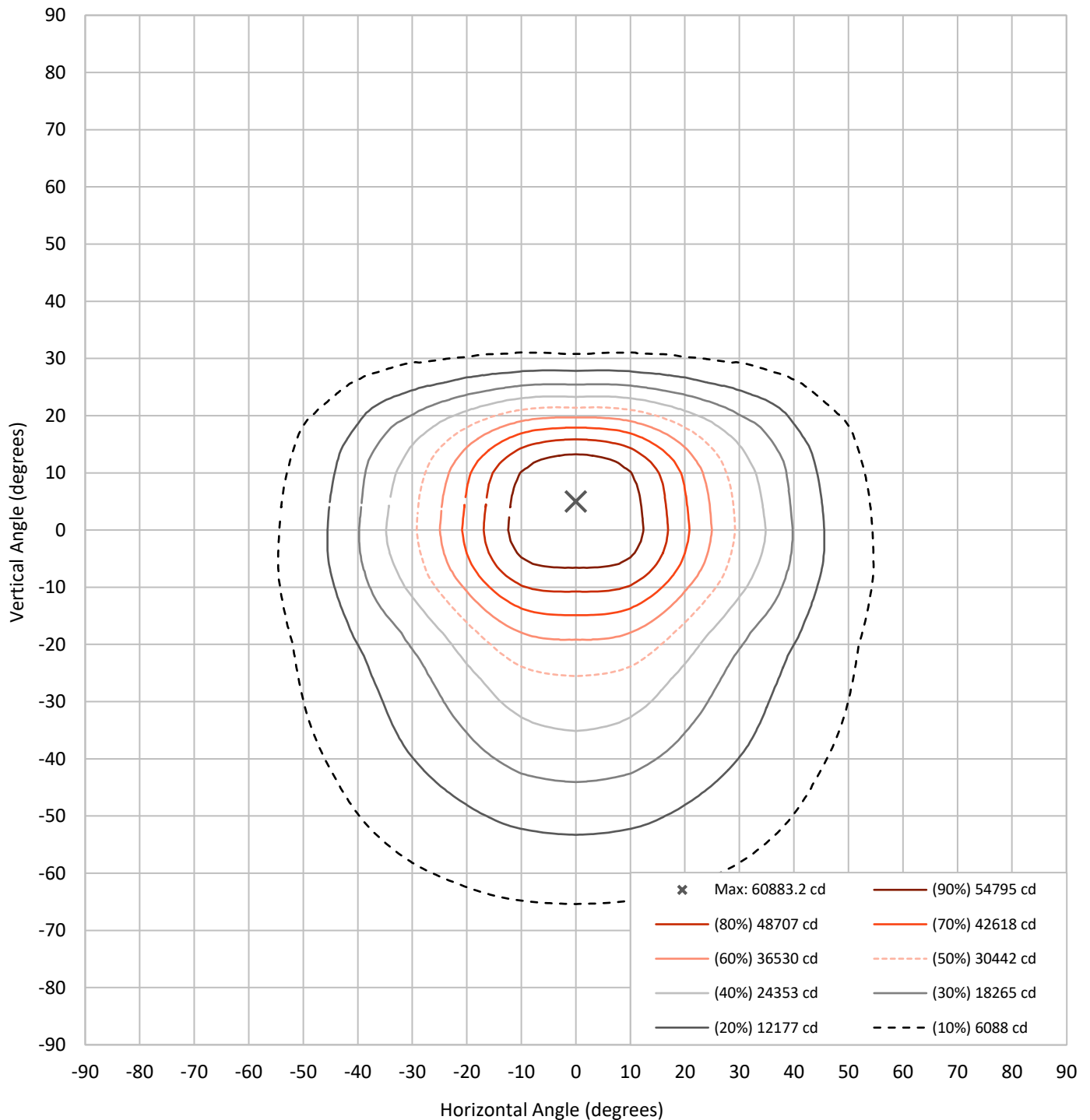
Test Method: LM-79-08  
Report Number: P1306345 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-50-70-7F-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	59655.3 lumens	Max Intensity:	60883.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	86.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	28693 lumens	Field Lumens:	55302.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	688		
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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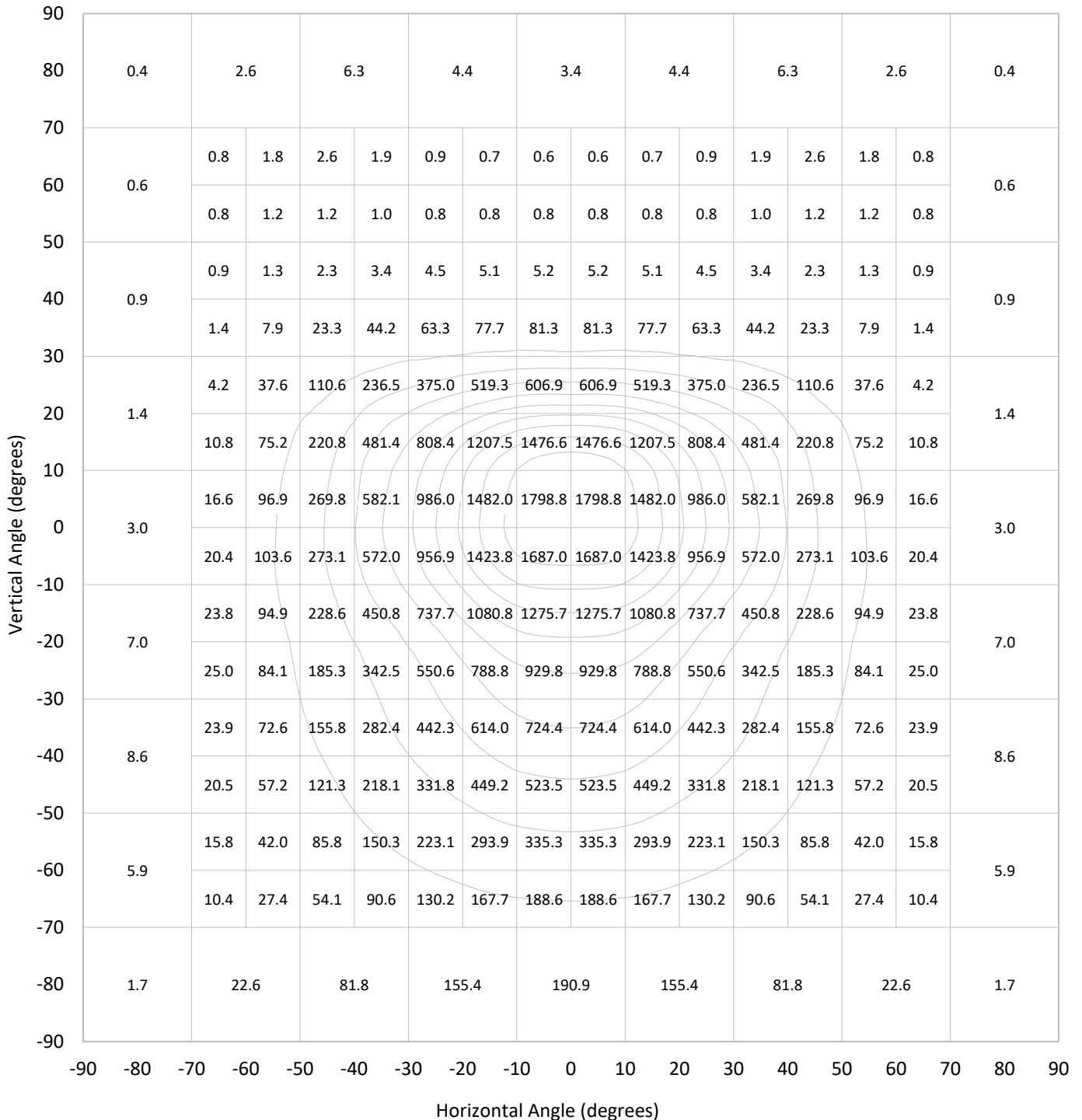
### Iso-Candela Plot





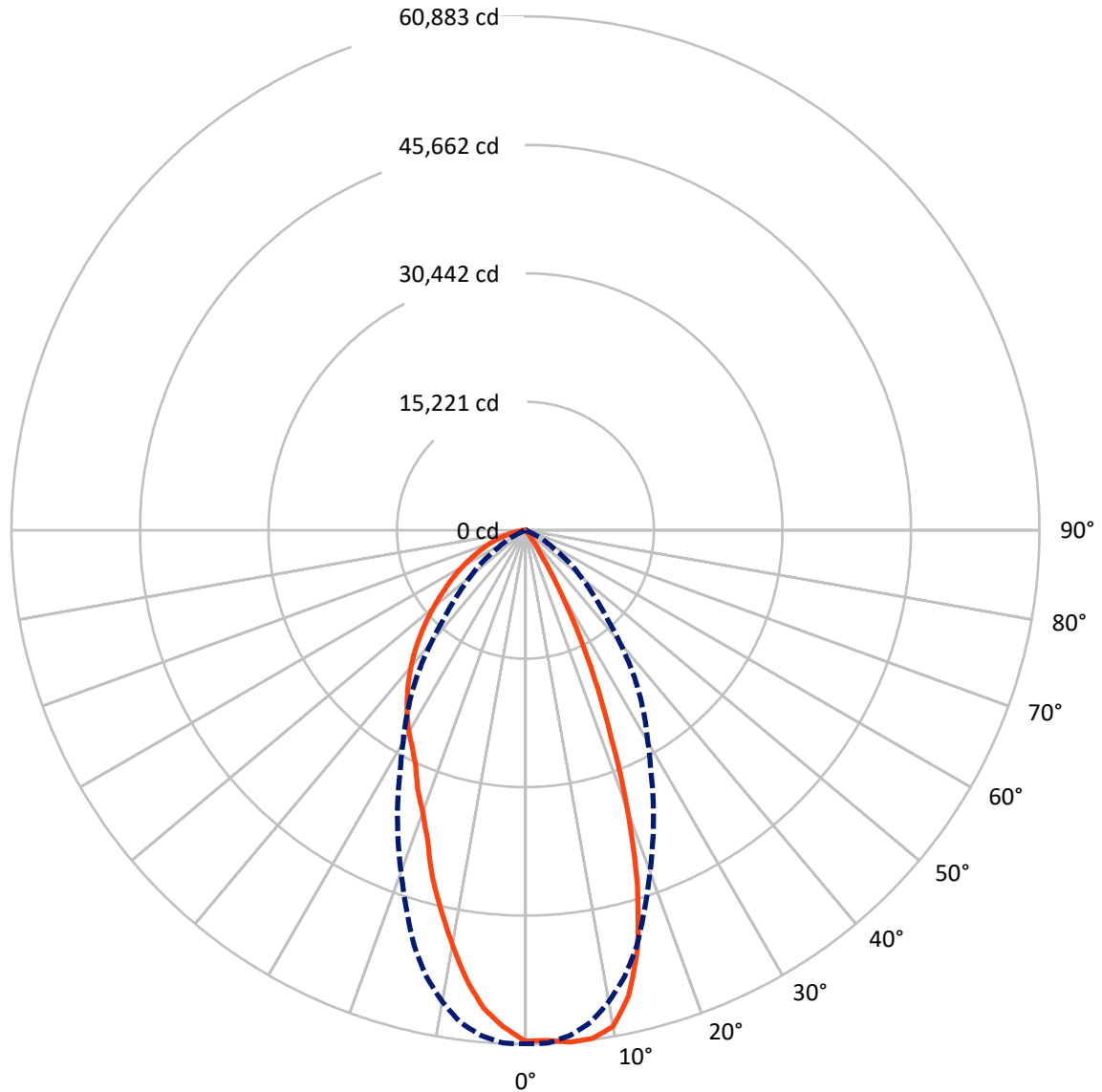
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### Lumen Table



REPORT NUMBER: P1306345 (CONVERTED FROM TYPE C PHOTOMETRY)  
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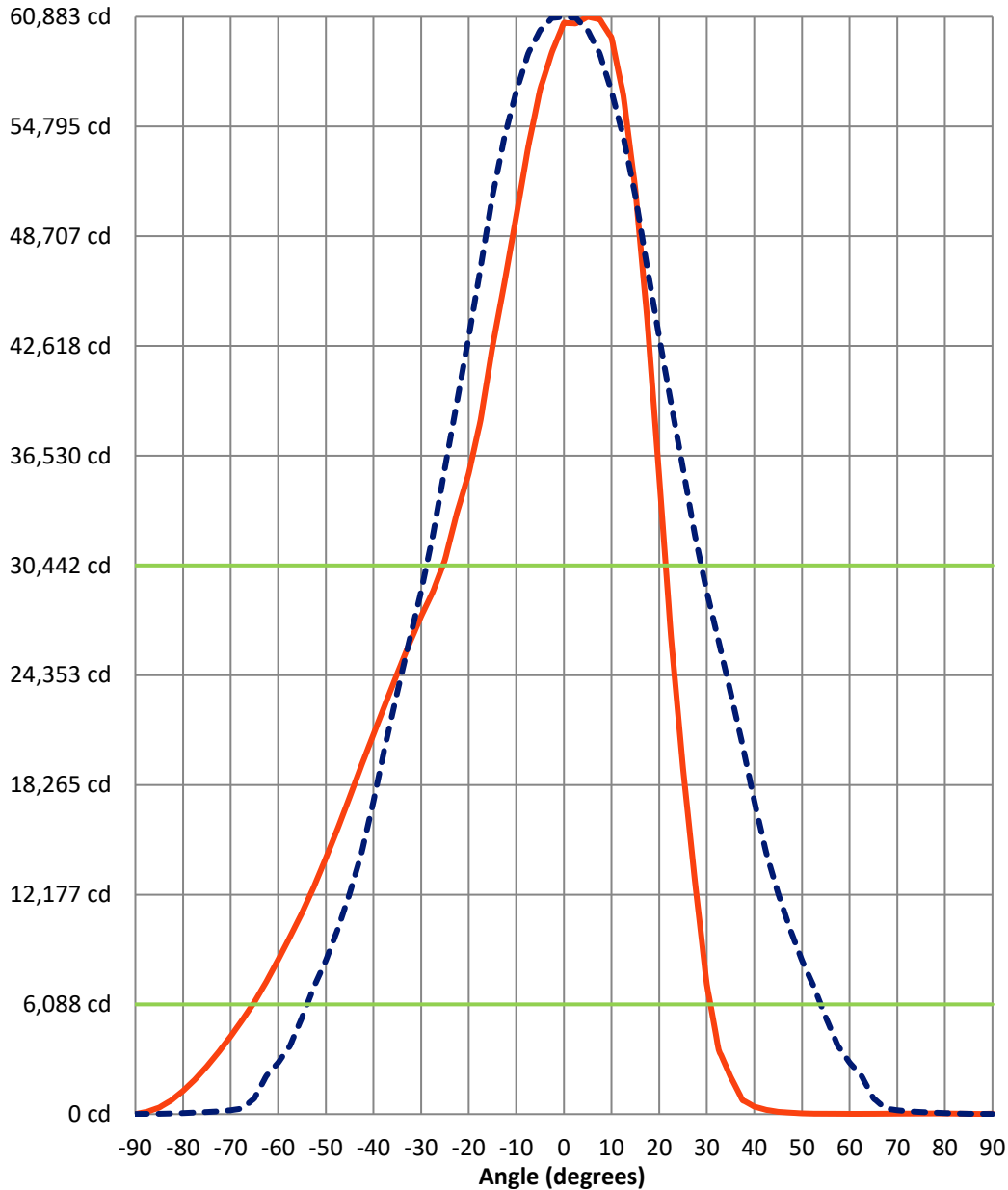
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 57.7°  
 V Angle: 46.8°  
 Lumens: 28693  
 Efficiency: 48.1%

**Field:**  
 H Angle: 107.9°  
 V Angle: 96.1°  
 Lumens: 55302.2  
 Efficiency: 92.7%

**Spill:**  
 Lumens: 4353.1  
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 5-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°	8.3	9.4	10.4	10.9	11.5	12.0	12.5	13.0	13.6	14.1	14.6
87.5°	8.3	9.7	11.1	11.2	11.5	12.0	12.6	12.5	12.3	12.0	11.6
85°	8.3	10.0	11.9	12.6	13.7	15.1	16.9	17.2	17.3	17.2	16.9
82.5°	8.3	10.3	12.6	14.0	15.9	18.3	21.2	22.0	22.4	23.5	26.0
80°	8.3	10.6	13.3	15.3	18.0	21.3	25.0	25.4	27.5	31.4	37.0
77.5°	8.3	10.9	14.0	16.6	20.0	23.5	25.9	28.1	32.4	38.9	45.4
75°	8.3	11.2	14.6	17.9	21.7	23.9	26.8	30.6	36.6	41.7	46.8
72.5°	8.3	11.5	15.3	19.1	21.8	24.2	27.6	32.4	37.6	42.9	48.1
70°	8.3	11.8	15.9	20.1	21.8	24.5	28.3	33.2	38.6	43.9	50.6
67.5°	8.3	12.1	16.5	19.9	21.7	24.7	29.1	34.0	39.5	46.4	53.3
65°	8.3	12.3	17.1	19.7	21.7	25.2	29.9	34.6	41.5	48.7	56.3
62.5°	8.3	12.6	17.7	19.4	21.5	26.1	30.8	36.0	43.5	51.1	59.9
60°	8.3	12.8	18.2	19.2	21.3	26.9	31.6	37.7	45.4	53.9	63.3
57.5°	8.3	13.0	18.1	18.9	22.0	27.7	33.2	39.3	47.3	56.4	65.0
55°	8.3	13.3	17.9	18.5	22.7	28.5	34.9	41.1	49.1	58.4	66.0
52.5°	8.3	13.5	17.8	18.2	23.4	29.4	36.5	43.2	50.7	59.5	67.0
50°	8.3	13.7	17.6	17.8	24.1	30.8	38.1	45.5	52.0	60.6	67.4
47.5°	8.3	13.9	17.5	17.6	24.8	32.1	39.7	47.9	53.0	61.7	68.5
45°	8.3	14.0	17.5	18.1	25.4	33.3	42.0	50.6	56.0	63.9	70.7
42.5°	8.3	14.2	17.4	18.5	26.1	34.5	44.5	53.6	59.5	66.8	74.2
40°	8.3	14.3	17.4	19.3	26.8	35.6	47.0	57.0	63.9	70.7	78.9
37.5°	8.3	14.4	17.4	20.3	27.7	36.7	49.6	60.6	69.6	77.5	84.7
35°	8.3	14.6	17.4	21.3	28.5	38.4	52.3	64.5	75.6	85.9	92.9
32.5°	8.3	14.7	17.4	22.3	29.2	40.5	55.2	68.6	81.8	95.2	108.3
30°	8.3	14.7	17.5	23.4	29.9	42.5	58.4	73.2	88.3	105.5	126.0
27.5°	8.3	14.8	17.5	24.5	32.0	44.5	61.7	78.4	95.7	116.6	145.8
25°	8.3	14.9	17.6	25.6	34.4	46.4	65.1	83.7	104.6	131.4	169.8
22.5°	8.3	14.9	17.7	26.7	37.0	49.3	68.4	89.0	113.9	148.7	249.1
20°	8.3	14.9	17.8	27.8	39.6	54.6	71.7	94.3	123.4	166.9	338.1
17.5°	8.3	14.9	18.0	28.9	42.3	60.0	77.9	99.5	133.0	185.6	434.4
15°	8.3	14.9	18.1	30.0	45.0	65.5	85.7	107.4	142.7	204.5	535.7
12.5°	8.3	14.9	18.2	31.1	47.8	70.9	93.5	118.8	157.7	223.5	639.4
10°	8.3	14.9	18.3	32.1	50.5	76.3	101.1	130.2	176.9	252.8	737.2
7.5°	8.3	14.8	18.5	33.0	53.2	81.5	108.6	141.4	196.1	283.1	816.7
5°	8.3	14.8	18.6	33.9	55.8	86.6	115.8	152.4	214.9	312.5	886.1
2.5°	8.3	14.7	18.7	34.8	58.2	91.4	122.8	163.0	233.1	340.7	944.5
0°	8.3	14.6	18.8	35.5	60.5	96.0	129.4	173.2	250.4	367.2	991.1
-2.5°	8.3	14.9	20.3	39.8	70.3	114.8	161.8	227.7	335.4	491.2	1120.5
-5°	8.3	15.1	21.7	44.0	79.8	132.9	193.5	280.8	417.9	611.2	1237.2
-7.5°	8.3	15.4	23.1	48.0	88.9	150.3	223.9	331.7	496.7	725.6	1341.1
-10°	8.3	15.6	24.4	51.8	97.5	166.7	252.7	379.6	570.5	832.5	1432.5
-12.5°	8.3	15.8	25.6	55.3	105.4	181.9	279.5	423.9	638.1	930.3	1517.7
-15°	8.3	16.0	26.8	58.5	112.6	195.6	304.0	463.7	702.2	1018.6	1590.6
-17.5°	8.3	16.1	27.9	61.3	119.0	207.7	325.7	506.2	764.1	1096.8	1647.0
-20°	8.3	16.3	28.9	63.7	124.5	218.0	349.5	549.7	818.6	1163.7	1686.3



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 CATALOG NUMBER: EPH-08-680N-50-70-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.3	16.4	29.7	65.7	128.9	226.4	377.9	587.5	865.2	1218.6	1708.0
-25°	8.3	16.4	30.5	67.3	132.3	239.1	402.1	619.3	903.5	1260.7	1711.7
-27.5°	8.3	16.5	31.1	68.3	134.5	252.0	421.8	644.6	932.8	1293.9	1752.3
-30°	8.3	16.5	31.6	68.9	136.1	262.0	436.7	663.2	957.9	1323.5	1778.0
-32.5°	8.3	16.5	31.9	68.9	141.2	269.1	446.6	679.0	976.7	1341.1	1785.7
-35°	8.3	16.5	32.1	68.3	144.5	273.0	453.7	689.0	986.0	1346.4	1775.3
-37.5°	8.3	16.4	32.1	67.2	146.0	274.8	457.1	691.7	985.7	1339.3	1722.8
-40°	8.3	16.4	32.0	65.6	145.7	275.8	455.8	687.0	975.5	1326.8	1667.4
-42.5°	8.3	16.2	31.7	64.1	145.0	273.8	449.6	674.7	960.1	1281.7	1601.6
-45°	8.3	16.1	31.3	63.3	144.1	268.8	438.8	658.0	937.0	1224.7	1527.4
-47.5°	8.3	15.9	30.7	61.7	141.6	260.8	423.1	638.6	903.6	1160.0	1453.5
-50°	8.3	15.7	29.9	61.2	137.6	249.8	407.6	612.8	847.7	1095.1	1370.3
-52.5°	8.3	15.5	29.0	60.5	132.1	236.0	388.7	580.8	793.3	1022.9	1279.0
-55°	8.3	15.2	28.0	59.2	125.1	224.3	365.7	543.6	736.2	943.7	1187.2
-57.5°	8.3	14.9	26.8	57.2	116.6	211.3	338.7	507.7	673.8	866.7	1087.4
-60°	8.3	14.6	25.4	54.6	107.0	196.1	309.0	462.5	608.4	785.8	984.0
-62.5°	8.3	14.3	24.5	51.4	100.3	178.9	284.3	412.3	547.4	699.0	881.5
-65°	8.3	13.9	23.5	47.6	92.6	159.7	256.7	362.9	482.6	618.6	772.4
-67.5°	8.3	13.5	22.4	43.3	83.9	141.9	226.6	320.2	414.4	537.0	670.7
-70°	8.3	13.1	21.3	38.5	74.2	125.8	194.1	275.4	358.9	451.5	569.9
-72.5°	8.3	12.7	20.0	35.2	63.8	108.4	167.0	228.7	301.5	381.9	469.6
-75°	8.3	12.2	18.8	32.2	52.7	89.9	139.3	188.1	242.0	310.2	384.7
-77.5°	8.3	11.8	17.5	28.9	45.5	70.4	110.2	148.9	191.8	240.0	297.2
-80°	8.3	11.3	16.1	25.5	39.1	56.6	79.8	108.7	141.4	178.3	219.5
-82.5°	8.3	10.8	14.7	22.0	32.4	45.8	62.1	74.8	89.9	115.4	144.0
-85°	8.3	10.3	13.3	18.4	25.5	34.7	45.8	54.3	63.4	73.0	83.2
-87.5°	8.3	9.9	11.9	14.7	18.5	23.4	29.2	33.7	38.5	43.6	49.0
-90°	8.3	9.4	10.4	9.9	9.4	8.8	8.3	7.8	7.3	6.8	6.3



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 CATALOG NUMBER: EPH-08-680N-50-70-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.6	14.6	14.6	14.6	15.1	15.7	16.2	16.7	17.8	18.8	19.9
87.5°	12.3	13.1	13.9	14.7	13.6	12.3	10.9	9.2	9.7	10.2	10.8
85°	18.3	19.8	21.7	23.0	22.0	21.1	20.4	20.0	21.1	22.0	22.7
82.5°	28.5	30.3	31.3	31.5	32.1	33.1	34.9	38.6	41.0	42.6	43.5
80°	39.8	40.9	41.8	44.6	49.5	55.4	61.9	69.0	71.4	71.6	70.8
77.5°	46.7	49.1	54.1	61.4	69.6	77.8	86.9	96.7	99.6	98.7	96.8
75°	50.7	56.6	65.2	75.8	86.6	97.7	109.6	120.7	123.9	120.3	115.7
72.5°	54.5	63.6	75.1	88.7	100.6	112.1	124.8	138.8	143.7	136.6	128.2
70°	58.4	69.8	82.9	96.4	110.0	123.0	135.5	148.9	156.8	145.7	128.8
67.5°	61.7	75.0	88.9	102.8	115.1	127.9	141.9	147.6	151.2	133.2	114.1
65°	65.6	79.7	92.3	104.7	117.8	123.1	127.7	132.5	131.8	111.3	90.9
62.5°	69.5	81.0	93.1	102.9	106.1	109.2	109.2	106.1	101.0	87.0	69.5
60°	70.9	80.9	89.2	92.5	93.4	90.3	86.3	82.4	76.3	64.5	52.6
57.5°	71.7	77.1	81.0	82.0	78.4	72.4	69.7	63.5	58.3	51.5	41.6
55°	71.4	70.7	73.0	71.0	66.8	61.9	57.0	53.0	46.6	44.4	40.0
52.5°	69.5	66.4	65.3	63.1	60.2	55.3	50.5	47.3	45.7	43.1	39.5
50°	68.9	64.7	59.7	59.6	57.3	53.7	48.6	47.9	48.0	45.7	41.5
47.5°	69.7	64.8	58.5	58.7	58.9	60.2	55.9	54.0	54.7	60.8	54.3
45°	72.0	69.4	62.8	62.7	68.5	76.3	83.2	64.0	83.4	93.0	100.6
42.5°	75.8	77.0	80.4	68.6	90.6	118.5	131.9	138.7	131.6	162.0	193.4
40°	84.2	87.1	110.5	119.6	129.0	186.8	266.8	285.5	216.9	301.7	354.0
37.5°	94.5	124.0	164.6	213.5	209.1	329.6	454.9	551.0	541.5	512.0	733.3
35°	106.4	169.5	278.7	387.9	435.8	550.0	781.1	948.6	1048.2	1108.3	1290.5
32.5°	139.2	223.3	421.4	653.3	853.0	966.3	1184.5	1551.6	1898.8	2106.2	2104.2
30°	196.7	355.7	622.9	979.2	1367.4	1685.7	1866.2	2337.9	2999.7	3470.5	3784.1
27.5°	281.8	516.7	933.6	1449.8	1993.6	2534.2	2894.4	3507.3	4397.9	5115.3	5785.4
25°	385.7	772.3	1283.7	2009.5	2809.1	3495.7	4014.0	4865.8	5994.3	7119.5	8240.6
22.5°	551.2	1069.3	1672.1	2621.4	3709.2	4489.6	5250.7	6289.0	7594.2	9173.9	10883.3
20°	781.7	1414.7	2086.8	3101.6	4609.3	5501.2	6435.7	7674.9	9197.2	11117.1	13399.4
17.5°	1030.9	1741.0	2493.6	3624.8	5095.8	6331.8	7586.6	8998.8	10704.8	12932.0	15390.5
15°	1292.9	2047.8	2856.9	4091.9	5551.3	6886.6	8371.4	10208.1	12219.9	14628.5	17200.2
12.5°	1561.7	2335.1	3178.9	4503.4	5986.1	7389.3	8972.8	10883.0	13223.4	16048.7	18748.4
10°	1830.3	2602.7	3461.9	4860.0	6394.0	7838.8	9489.2	11443.8	13824.8	16655.5	19573.6
7.5°	1995.0	2779.3	3693.2	5162.8	6768.1	8234.1	9922.7	11894.2	14241.5	17089.3	20096.7
5°	2119.6	2858.7	3813.4	5369.0	7063.8	8526.9	10261.0	12239.4	14492.3	17353.7	20494.0
2.5°	2216.5	2917.2	3909.5	5522.4	7287.4	8686.1	10462.4	12460.2	14753.6	17682.2	20895.2
0°	2284.8	2956.7	3979.2	5627.6	7455.5	8788.8	10593.7	12592.7	14936.0	17967.8	21252.2
-2.5°	2351.3	3079.0	4120.9	5761.8	7479.7	8804.1	10643.7	12598.1	14935.9	17912.4	21104.2
-5°	2393.0	3180.7	4232.8	5846.3	7454.9	8772.6	10616.1	12522.5	14773.2	17587.7	20555.7
-7.5°	2414.7	3258.6	4313.6	5859.0	7326.1	8587.5	10284.3	12076.4	14235.9	16873.3	19609.9
-10°	2426.2	3305.5	4305.0	5682.6	7058.7	8290.0	9841.2	11558.1	13592.4	16044.9	18577.0
-12.5°	2458.1	3330.9	4266.0	5490.1	6768.3	7953.7	9349.9	10975.7	12845.9	15118.5	17441.7
-15°	2475.3	3343.8	4211.8	5291.4	6463.0	7581.2	8818.0	10334.7	12037.3	14070.2	16131.4
-17.5°	2480.2	3346.1	4145.8	5095.7	6150.3	7175.1	8294.7	9785.5	11335.6	13091.2	14849.1
-20°	2474.8	3339.9	4071.0	4911.5	5842.9	6880.0	8010.3	9310.9	10698.6	12183.0	13647.6



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 CATALOG NUMBER: EPH-08-680N-50-70-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2461.1	3326.8	4007.9	4780.8	5695.3	6686.7	7726.5	8851.8	10045.9	11334.9	12820.2
-25°	2454.2	3279.0	3965.7	4688.3	5552.4	6483.5	7428.0	8427.8	9468.9	10818.8	12235.4
-27.5°	2443.5	3228.6	3882.8	4560.0	5387.1	6278.1	7164.0	8076.5	9145.4	10358.1	11672.8
-30°	2411.2	3106.6	3770.2	4409.8	5212.3	6070.6	6916.6	7784.1	8795.4	9938.8	11158.4
-32.5°	2320.5	2968.1	3620.5	4262.9	5001.7	5843.2	6661.2	7502.4	8440.6	9465.1	10638.3
-35°	2219.0	2825.2	3452.6	4080.9	4755.8	5567.4	6363.3	7176.3	8047.2	9008.4	10102.3
-37.5°	2145.1	2671.7	3272.9	3875.7	4523.5	5244.6	6025.1	6807.7	7632.2	8548.1	9582.7
-40°	2057.1	2508.1	3090.5	3667.5	4257.1	4922.0	5651.1	6402.3	7176.3	8089.7	9037.7
-42.5°	1958.7	2394.3	2901.4	3446.7	4002.7	4607.0	5257.8	5972.4	6749.0	7598.8	8488.9
-45°	1873.7	2266.3	2712.3	3222.6	3739.1	4286.5	4890.1	5529.0	6296.2	7086.7	7913.4
-47.5°	1777.0	2132.7	2552.0	2985.6	3472.2	3977.0	4510.7	5133.1	5814.6	6554.9	7313.2
-50°	1672.5	2011.5	2369.2	2772.4	3203.6	3665.7	4153.0	4720.8	5342.9	6004.3	6702.1
-52.5°	1567.4	1877.9	2207.1	2558.1	2949.7	3364.9	3816.3	4322.0	4872.5	5452.1	6067.9
-55°	1452.2	1742.2	2041.7	2360.1	2701.7	3078.4	3481.9	3934.1	4407.4	4932.8	5450.7
-57.5°	1333.9	1596.0	1872.4	2167.1	2474.2	2794.5	3160.2	3543.2	3970.8	4420.0	4876.9
-60°	1210.3	1445.1	1695.5	1966.6	2251.8	2540.4	2836.8	3176.0	3539.0	3912.2	4320.7
-62.5°	1080.7	1291.5	1515.4	1755.7	2016.8	2277.9	2543.6	2824.3	3118.4	3453.6	3794.4
-65°	952.2	1133.8	1333.1	1546.9	1770.5	2005.1	2243.3	2483.7	2741.0	3017.2	3304.2
-67.5°	816.7	980.7	1152.2	1333.7	1532.2	1731.4	1939.3	2156.6	2375.3	2599.0	2834.6
-70°	694.8	824.9	974.2	1132.7	1293.0	1456.1	1635.8	1822.3	2013.0	2203.3	2399.1
-72.5°	571.8	683.6	803.0	929.6	1064.2	1198.5	1338.8	1484.3	1639.1	1799.3	1962.0
-75°	460.1	539.4	637.2	742.7	845.5	946.7	1051.9	1170.2	1292.8	1416.3	1539.5
-77.5°	356.9	420.0	488.1	560.8	632.3	713.5	796.7	881.6	970.3	1061.4	1153.6
-80°	258.3	298.3	348.5	402.7	454.6	507.2	561.2	616.5	674.3	738.2	807.1
-82.5°	171.2	199.6	229.5	260.7	289.6	318.3	349.1	386.7	424.7	463.7	503.5
-85°	91.5	100.0	117.6	136.2	154.6	173.1	191.6	210.0	228.9	247.2	265.0
-87.5°	53.1	57.4	61.7	66.0	70.7	75.3	79.9	84.6	90.8	97.1	103.4
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20.9	21.4	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.1
87.5°	11.4	10.6	9.7	8.8	7.9	10.4	13.0	15.6	18.3	16.9	15.5
85°	23.2	23.3	23.4	23.5	23.6	26.3	29.1	31.7	34.3	31.7	28.9
82.5°	43.7	43.0	41.5	39.3	36.4	35.7	34.8	33.5	31.8	30.5	29.2
80°	69.2	65.7	61.2	55.8	49.8	46.7	43.8	40.6	37.1	36.0	35.2
77.5°	93.1	86.6	79.0	70.7	61.9	56.3	51.3	45.8	40.1	38.5	37.5
75°	110.0	101.7	90.8	79.0	66.6	58.0	51.2	44.4	37.6	36.0	35.7
72.5°	118.7	107.4	93.4	76.9	61.2	50.8	44.4	38.7	33.5	31.7	30.9
70°	111.6	94.4	78.2	63.1	49.1	39.8	35.3	31.3	27.7	26.8	27.3
67.5°	94.3	76.9	62.3	49.2	38.1	30.5	27.8	25.7	24.1	23.6	23.5
65°	73.6	59.0	47.1	37.2	29.1	24.5	23.6	22.8	22.0	21.2	20.5
62.5°	54.3	43.2	35.7	30.0	25.8	23.0	22.3	21.3	20.3	19.2	18.4
60°	42.3	33.6	29.7	27.3	25.2	23.4	22.6	22.1	21.8	21.5	20.8
57.5°	36.8	32.3	28.8	27.4	26.2	25.3	24.9	24.5	23.8	22.9	22.2
55°	35.9	32.4	29.4	28.6	28.1	27.4	26.8	26.0	25.2	24.3	23.9
52.5°	35.9	34.4	32.1	31.1	31.5	30.7	29.0	29.9	30.0	29.2	28.7
50°	40.6	41.0	41.5	38.0	41.6	43.2	41.0	42.8	45.4	45.7	45.5
47.5°	57.6	61.4	66.4	62.6	67.2	74.1	73.5	74.0	80.3	81.1	80.8
45°	91.9	108.5	116.4	120.9	119.2	135.3	138.5	133.2	141.8	143.4	140.9
42.5°	184.0	193.2	214.0	230.4	221.0	237.7	242.6	227.5	242.2	248.8	241.7
40°	412.0	327.6	389.0	431.4	416.5	384.2	440.3	420.2	418.3	441.7	423.4
37.5°	813.4	722.1	784.9	905.9	901.5	749.2	919.1	908.1	763.4	934.9	919.9
35°	1458.9	1627.9	1552.5	1778.7	1844.2	1878.3	1972.6	2069.9	1963.3	2103.7	2100.1
32.5°	2612.2	2962.7	3117.7	3145.3	3435.6	3672.1	3572.0	3951.4	3928.2	4023.1	4120.1
30°	4123.8	4905.3	5300.8	5310.7	5792.4	6216.2	6350.7	6826.9	7108.6	7061.9	7533.6
27.5°	6579.6	7347.3	7998.7	8554.5	8929.8	9598.2	10528.5	10997.9	11690.0	11961.4	12613.5
25°	9354.4	10308.2	11336.5	12303.8	13098.0	14295.3	15453.2	16183.3	17173.5	17949.4	18738.0
22.5°	12360.4	13625.7	14945.1	16391.9	17869.2	19329.9	20736.3	22085.2	23405.4	24863.5	25754.9
20°	15433.5	16863.8	18469.7	20430.7	22480.2	24241.7	26162.6	28277.7	30299.9	32181.9	33603.5
17.5°	17769.0	19982.3	21722.1	23843.4	26388.6	28870.0	31319.0	34108.3	36680.7	39080.3	41220.4
15°	19552.4	21872.6	24394.1	26954.8	29636.0	32590.5	35959.2	39011.3	42189.1	45011.3	47654.4
12.5°	21106.9	23462.4	26101.3	29087.7	32469.6	35641.7	39172.2	42989.1	46360.7	49676.0	52156.0
10°	22254.2	24870.8	27546.2	30548.8	33997.4	37700.9	41527.1	45385.3	49165.7	52366.2	55030.4
7.5°	22887.1	25666.0	28465.1	31600.7	35146.3	38789.1	42611.3	46639.6	50444.8	53740.8	56187.6
5°	23402.3	26227.4	28994.2	32142.2	35836.5	39455.1	43116.6	46961.4	50945.7	54196.7	56742.2
2.5°	23852.0	26608.3	29307.3	32372.3	36179.4	39814.1	43578.8	47564.3	51417.4	54553.3	57031.3
0°	24242.3	26844.3	29483.9	32522.0	36503.2	40181.9	43885.7	47785.5	51710.5	54765.2	57273.4
-2.5°	23959.9	26511.2	29112.1	32217.5	36014.4	39633.0	43357.7	47306.9	51024.7	54118.8	56550.5
-5°	23223.7	25681.3	28263.9	31361.8	34986.1	38530.5	42205.7	46009.7	49504.3	52597.8	54834.6
-7.5°	22147.3	24553.1	27125.8	30175.1	33547.6	36764.6	40049.1	43575.3	47053.7	49784.9	51915.3
-10°	20950.8	23240.6	25608.4	28290.3	31276.5	34281.3	37299.2	40577.2	43642.0	46206.6	48257.5
-12.5°	19530.2	21564.2	23744.4	26083.6	28825.1	31686.9	34564.9	37436.1	40262.8	42569.8	44427.7
-15°	17995.8	19794.5	21785.7	24048.3	26491.1	29016.4	31612.4	34354.4	36900.1	39049.0	40687.0
-17.5°	16482.2	18092.9	20116.7	22173.9	24147.9	26463.6	29045.5	31312.9	33636.1	35565.8	37012.8
-20°	15199.1	16931.9	18691.7	20449.3	22335.0	24586.4	26775.6	28913.3	30977.7	32734.8	34173.6



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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°	14362.6	15885.0	17386.7	19049.3	20966.2	22953.0	24934.3	26877.8	28746.3	30415.3	31783.9
-25°	13602.0	14890.3	16377.3	18065.3	19684.1	21426.8	23297.5	24921.9	26694.3	28205.8	29376.7
-27.5°	12937.0	14212.0	15671.3	17189.5	18653.6	20224.4	21928.3	23478.7	25073.7	26527.1	27548.7
-30°	12358.1	13678.9	15051.1	16440.0	17818.8	19272.1	20753.0	22251.6	23715.0	25032.9	26014.8
-32.5°	11864.6	13103.8	14390.6	15683.2	16940.4	18264.1	19637.9	21015.6	22371.3	23524.4	24485.8
-35°	11303.6	12489.9	13685.7	14846.5	16010.9	17195.0	18469.9	19759.7	20972.7	22025.5	22964.0
-37.5°	10677.6	11820.5	12911.9	13968.5	15048.0	16142.9	17323.8	18508.7	19622.9	20575.8	21470.7
-40°	10054.6	11096.1	12084.5	13070.8	14060.3	15085.6	16153.7	17214.7	18192.7	19094.0	19927.9
-42.5°	9407.2	10318.8	11218.5	12136.6	13049.5	13974.2	14928.3	15893.1	16764.6	17586.7	18325.9
-45°	8754.1	9536.4	10331.2	11172.3	12005.8	12835.9	13662.0	14476.4	15292.4	16058.5	16682.8
-47.5°	8059.6	8765.6	9487.2	10210.2	10957.2	11714.9	12437.1	13142.1	13862.8	14547.4	15063.2
-50°	7358.7	8012.3	8664.6	9301.7	9961.9	10628.4	11286.4	11906.9	12510.7	13092.9	13496.1
-52.5°	6652.7	7257.2	7854.9	8431.0	9004.0	9572.0	10129.5	10680.0	11209.1	11708.1	12027.8
-55°	5982.3	6521.4	7047.0	7550.2	8055.8	8554.7	9046.3	9527.9	9984.6	10413.6	10660.2
-57.5°	5351.8	5821.4	6281.5	6714.7	7138.0	7549.1	7983.7	8421.2	8832.4	9201.0	9399.8
-60°	4737.4	5160.3	5555.2	5917.4	6280.3	6641.4	7007.5	7368.9	7720.8	8027.0	8198.1
-62.5°	4133.2	4494.6	4830.7	5142.3	5442.1	5740.3	6057.9	6362.7	6652.6	6889.0	7034.0
-65°	3603.8	3910.0	4161.6	4409.7	4656.0	4918.2	5182.0	5433.6	5671.8	5857.0	5979.1
-67.5°	3089.1	3340.9	3550.4	3756.3	3962.4	4170.9	4383.3	4589.1	4786.8	4936.5	5042.6
-70°	2599.7	2790.0	2954.1	3121.7	3292.5	3462.9	3633.6	3797.9	3954.7	4068.8	4154.2
-72.5°	2126.4	2273.4	2401.1	2531.3	2659.7	2791.7	2923.9	3050.9	3171.9	3253.5	3313.5
-75°	1661.9	1768.7	1871.1	1970.4	2066.0	2164.3	2261.5	2354.4	2442.4	2504.3	2553.6
-77.5°	1251.2	1327.0	1393.8	1459.3	1523.0	1591.2	1657.9	1720.9	1779.7	1822.7	1858.9
-80°	876.6	925.4	968.1	1008.2	1045.6	1087.9	1129.3	1168.4	1205.0	1230.1	1250.2
-82.5°	544.0	572.7	598.3	621.9	643.4	665.5	686.0	704.7	721.4	741.0	759.2
-85°	282.2	294.0	304.9	315.0	324.2	333.3	341.5	348.7	355.1	358.7	361.2
-87.5°	109.7	112.5	115.0	117.3	119.4	122.3	125.0	127.5	129.8	132.0	133.9
-90°	6.3	5.8	5.3	4.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	26.6	27.1	27.1	27.1	27.1	27.1	26.6	26.1	25.5	25.0	24.5
87.5°	14.0	12.5	11.4	10.4	11.4	12.5	14.0	15.5	16.9	18.3	15.6
85°	26.0	22.9	20.9	18.8	20.9	22.9	26.0	28.9	31.7	34.3	31.7
82.5°	28.1	27.1	27.1	27.1	27.1	27.1	28.1	29.2	30.5	31.8	33.5
80°	34.3	33.3	34.4	35.5	34.4	33.3	34.3	35.2	36.0	37.1	40.6
77.5°	36.5	35.5	35.5	35.5	35.5	35.5	36.5	37.5	38.5	40.1	45.8
75°	35.6	35.5	34.5	33.4	34.5	35.5	35.6	35.7	36.0	37.6	44.4
72.5°	30.2	29.4	29.2	29.2	29.2	29.4	30.2	30.9	31.7	33.5	38.7
70°	28.1	29.1	28.2	27.1	28.2	29.1	28.1	27.3	26.8	27.7	31.3
67.5°	23.4	23.2	23.0	23.0	23.0	23.2	23.4	23.5	23.6	24.1	25.7
65°	19.8	19.1	18.8	18.8	18.8	19.1	19.8	20.5	21.2	22.0	22.8
62.5°	17.6	16.9	16.7	16.7	16.7	16.9	17.6	18.4	19.2	20.3	21.3
60°	20.0	19.0	17.9	16.7	17.9	19.0	20.0	20.8	21.5	21.8	22.1
57.5°	21.6	21.0	20.9	20.9	20.9	21.0	21.6	22.2	22.9	23.8	24.5
55°	23.5	23.1	23.0	23.0	23.0	23.1	23.5	23.9	24.3	25.2	26.0
52.5°	28.2	27.3	26.3	25.0	26.3	27.3	28.2	28.7	29.2	30.0	29.9
50°	44.6	42.4	41.4	41.7	41.4	42.4	44.6	45.5	45.7	45.4	42.8
47.5°	82.4	82.4	82.0	81.4	82.0	82.4	82.4	80.8	81.1	80.3	74.0
45°	140.2	134.6	129.2	127.3	129.2	134.6	140.2	140.9	143.4	141.8	133.2
42.5°	246.4	245.2	240.8	235.8	240.8	245.2	246.4	241.7	248.8	242.2	227.5
40°	428.2	422.4	412.3	415.2	412.3	422.4	428.2	423.4	441.7	418.3	420.2
37.5°	891.7	849.0	784.1	784.6	784.1	849.0	891.7	919.9	934.9	763.4	908.1
35°	2087.3	2122.3	2080.8	2080.4	2080.8	2122.3	2087.3	2100.1	2103.7	1963.3	2069.9
32.5°	3994.5	3936.4	3701.1	3578.5	3701.1	3936.4	3994.5	4120.1	4023.1	3928.2	3951.4
30°	7525.1	7562.5	7209.8	7217.6	7209.8	7562.5	7525.1	7533.6	7061.9	7108.6	6826.9
27.5°	12876.5	13163.0	13087.7	12962.0	13087.7	13163.0	12876.5	12613.5	11961.4	11690.0	10997.9
25°	19255.1	19470.9	19326.4	19238.6	19326.4	19470.9	19255.1	18738.0	17949.4	17173.5	16183.3
22.5°	26620.5	26920.9	26845.5	26464.5	26845.5	26920.9	26620.5	25754.9	24863.5	23405.4	22085.2
20°	34774.2	35288.8	35587.7	35395.2	35587.7	35288.8	34774.2	33603.5	32181.9	30299.9	28277.7
17.5°	42740.2	43403.9	43912.7	44083.9	43912.7	43403.9	42740.2	41220.4	39080.3	36680.7	34108.3
15°	49438.7	50387.7	51056.1	51293.1	51056.1	50387.7	49438.7	47654.4	45011.3	42189.1	39011.3
12.5°	54245.8	55481.0	56264.9	56500.3	56264.9	55481.0	54245.8	52156.0	49676.0	46360.7	42989.1
10°	56889.2	58446.2	59338.4	59710.5	59338.4	58446.2	56889.2	55030.4	52366.2	49165.7	45385.3
7.5°	58366.1	59772.4	60615.5	60740.3	60615.5	59772.4	58366.1	56187.6	53740.8	50444.8	46639.6
5°	58845.4	60123.0	60818.9	60883.2	60818.9	60123.0	58845.4	56742.2	54196.7	50945.7	46961.4
2.5°	59055.4	60135.1	60648.3	60517.1	60648.3	60135.1	59055.4	57031.3	54553.3	51417.4	47564.3
0°	58947.9	59912.9	60457.6	60538.9	60457.6	59912.9	58947.9	57273.4	54765.2	51710.5	47785.5
-2.5°	58072.5	58791.2	59177.4	58929.1	59177.4	58791.2	58072.5	56550.5	54118.8	51024.7	47306.9
-5°	56076.7	56593.7	56755.1	56845.6	56755.1	56593.7	56076.7	54834.6	52597.8	49504.3	46009.7
-7.5°	53192.0	53614.0	53773.3	53661.5	53773.3	53614.0	53192.0	51915.3	49784.9	47053.7	43575.3
-10°	49389.8	49776.4	49911.6	49834.6	49911.6	49776.4	49389.8	48257.5	46206.6	43642.0	40577.2
-12.5°	45541.0	45999.3	46104.4	46111.0	46104.4	45999.3	45541.0	44427.7	42569.8	40262.8	37436.1
-15°	41757.5	42281.4	42441.6	42581.5	42441.6	42281.4	41757.5	40687.0	39049.0	36900.1	34354.4
-17.5°	38039.8	38560.3	38695.3	38512.6	38695.3	38560.3	38039.8	37012.8	35565.8	33636.1	31312.9
-20°	34983.9	35253.7	35541.5	35539.2	35541.5	35253.7	34983.9	34173.6	32734.8	30977.7	28913.3



REPORT NUMBER: P1306345 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	32459.9	32906.0	33151.1	33325.3	33151.1	32906.0	32459.9	31783.9	30415.3	28746.3	26877.8
-25°	30092.8	30471.5	30623.9	30740.0	30623.9	30471.5	30092.8	29376.7	28205.8	26694.3	24921.9
-27.5°	28269.2	28653.6	28871.0	28999.8	28871.0	28653.6	28269.2	27548.7	26527.1	25073.7	23478.7
-30°	26814.9	27192.6	27451.6	27614.2	27451.6	27192.6	26814.9	26014.8	25032.9	23715.0	22251.6
-32.5°	25247.9	25642.9	25912.9	26080.6	25912.9	25642.9	25247.9	24485.8	23524.4	22371.3	21015.6
-35°	23619.4	24014.5	24305.9	24442.6	24305.9	24014.5	23619.4	22964.0	22025.5	20972.7	19759.7
-37.5°	22037.4	22406.3	22663.8	22765.0	22663.8	22406.3	22037.4	21470.7	20575.8	19622.9	18508.7
-40°	20388.3	20736.3	20975.4	21068.5	20975.4	20736.3	20388.3	19927.9	19094.0	18192.7	17214.7
-42.5°	18725.3	19050.0	19271.0	19363.8	19271.0	19050.0	18725.3	18325.9	17586.7	16764.6	15893.1
-45°	17040.9	17329.7	17516.7	17588.1	17516.7	17329.7	17040.9	16682.8	16058.5	15292.4	14476.4
-47.5°	15382.9	15643.4	15804.1	15856.2	15804.1	15643.4	15382.9	15063.2	14547.4	13862.8	13142.1
-50°	13764.5	13977.8	14124.9	14207.8	14124.9	13977.8	13764.5	13496.1	13092.9	12510.7	11906.9
-52.5°	12267.5	12461.2	12576.6	12621.9	12576.6	12461.2	12267.5	12027.8	11708.1	11209.1	10680.0
-55°	10864.4	11032.0	11130.1	11169.6	11130.1	11032.0	10864.4	10660.2	10413.6	9984.6	9527.9
-57.5°	9568.7	9706.1	9798.6	9850.9	9798.6	9706.1	9568.7	9399.8	9201.0	8832.4	8421.2
-60°	8340.2	8452.8	8530.5	8576.0	8530.5	8452.8	8340.2	8198.1	8027.0	7720.8	7368.9
-62.5°	7154.4	7250.0	7312.9	7349.1	7312.9	7250.0	7154.4	7034.0	6889.0	6652.6	6362.7
-65°	6082.2	6166.1	6206.6	6222.3	6206.6	6166.1	6082.2	5979.1	5857.0	5671.8	5433.6
-67.5°	5133.7	5209.2	5236.6	5241.6	5236.6	5209.2	5133.7	5042.6	4936.5	4786.8	4589.1
-70°	4228.2	4289.7	4310.5	4313.0	4310.5	4289.7	4228.2	4154.2	4068.8	3954.7	3797.9
-72.5°	3362.8	3401.6	3431.6	3451.3	3431.6	3401.6	3362.8	3313.5	3253.5	3171.9	3050.9
-75°	2595.0	2628.2	2642.6	2647.9	2642.6	2628.2	2595.0	2553.6	2504.3	2442.4	2354.4
-77.5°	1889.8	1915.1	1920.9	1919.7	1920.9	1915.1	1889.8	1858.9	1822.7	1779.7	1720.9
-80°	1266.0	1277.8	1285.5	1289.5	1285.5	1277.8	1266.0	1250.2	1230.1	1205.0	1168.4
-82.5°	775.6	789.9	775.2	757.4	775.2	789.9	775.6	759.2	741.0	721.4	704.7
-85°	362.8	363.5	364.8	365.2	364.8	363.5	362.8	361.2	358.7	355.1	348.7
-87.5°	135.7	137.3	136.5	135.6	136.5	137.3	135.7	133.9	132.0	129.8	127.5
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	24.0	23.5	23.0	22.5	22.0	21.4	20.9	19.9	18.8	17.8	16.7
87.5°	13.0	10.4	7.9	8.8	9.7	10.6	11.4	10.8	10.2	9.7	9.2
85°	29.1	26.3	23.6	23.5	23.4	23.3	23.2	22.7	22.0	21.1	20.0
82.5°	34.8	35.7	36.4	39.3	41.5	43.0	43.7	43.5	42.6	41.0	38.6
80°	43.8	46.7	49.8	55.8	61.2	65.7	69.2	70.8	71.6	71.4	69.0
77.5°	51.3	56.3	61.9	70.7	79.0	86.6	93.1	96.8	98.7	99.6	96.7
75°	51.2	58.0	66.6	79.0	90.8	101.7	110.0	115.7	120.3	123.9	120.7
72.5°	44.4	50.8	61.2	76.9	93.4	107.4	118.7	128.2	136.6	143.7	138.8
70°	35.3	39.8	49.1	63.1	78.2	94.4	111.6	128.8	145.7	156.8	148.9
67.5°	27.8	30.5	38.1	49.2	62.3	76.9	94.3	114.1	133.2	151.2	147.6
65°	23.6	24.5	29.1	37.2	47.1	59.0	73.6	90.9	111.3	131.8	132.5
62.5°	22.3	23.0	25.8	30.0	35.7	43.2	54.3	69.5	87.0	101.0	106.1
60°	22.6	23.4	25.2	27.3	29.7	33.6	42.3	52.6	64.5	76.3	82.4
57.5°	24.9	25.3	26.2	27.4	28.8	32.3	36.8	41.6	51.5	58.3	63.5
55°	26.8	27.4	28.1	28.6	29.4	32.4	35.9	40.0	44.4	46.6	53.0
52.5°	29.0	30.7	31.5	31.1	32.1	34.4	35.9	39.5	43.1	45.7	47.3
50°	41.0	43.2	41.6	38.0	41.5	41.0	40.6	41.5	45.7	48.0	47.9
47.5°	73.5	74.1	67.2	62.6	66.4	61.4	57.6	54.3	60.8	54.7	54.0
45°	138.5	135.3	119.2	120.9	116.4	108.5	91.9	100.6	93.0	83.4	64.0
42.5°	242.6	237.7	221.0	230.4	214.0	193.2	184.0	193.4	162.0	131.6	138.7
40°	440.3	384.2	416.5	431.4	389.0	327.6	412.0	354.0	301.7	216.9	285.5
37.5°	919.1	749.2	901.5	905.9	784.9	722.1	813.4	733.3	512.0	541.5	551.0
35°	1972.6	1878.3	1844.2	1778.7	1552.5	1627.9	1458.9	1290.5	1108.3	1048.2	948.6
32.5°	3572.0	3672.1	3435.6	3145.3	3117.7	2962.7	2612.2	2104.2	2106.2	1898.8	1551.6
30°	6350.7	6216.2	5792.4	5310.7	5300.8	4905.3	4123.8	3784.1	3470.5	2999.7	2337.9
27.5°	10528.5	9598.2	8929.8	8554.5	7998.7	7347.3	6579.6	5785.4	5115.3	4397.9	3507.3
25°	15453.2	14295.3	13098.0	12303.8	11336.5	10308.2	9354.4	8240.6	7119.5	5994.3	4865.8
22.5°	20736.3	19329.9	17869.2	16391.9	14945.1	13625.7	12360.4	10883.3	9173.9	7594.2	6289.0
20°	26162.6	24241.7	22480.2	20430.7	18469.7	16863.8	15433.5	13399.4	11117.1	9197.2	7674.9
17.5°	31319.0	28870.0	26388.6	23843.4	21722.1	19982.3	17769.0	15390.5	12932.0	10704.8	8998.8
15°	35959.2	32590.5	29636.0	26954.8	24394.1	21872.6	19552.4	17200.2	14628.5	12219.9	10208.1
12.5°	39172.2	35641.7	32469.6	29087.7	26101.3	23462.4	21106.9	18748.4	16048.7	13223.4	10883.0
10°	41527.1	37700.9	33997.4	30548.8	27546.2	24870.8	22254.2	19573.6	16655.5	13824.8	11443.8
7.5°	42611.3	38789.1	35146.3	31600.7	28465.1	25666.0	22887.1	20096.7	17089.3	14241.5	11894.2
5°	43116.6	39455.1	35836.5	32142.2	28994.2	26227.4	23402.3	20494.0	17353.7	14492.3	12239.4
2.5°	43578.8	39814.1	36179.4	32372.3	29307.3	26608.3	23852.0	20895.2	17682.2	14753.6	12460.2
0°	43885.7	40181.9	36503.2	32522.0	29483.9	26844.3	24242.3	21252.2	17967.8	14936.0	12592.7
-2.5°	43357.7	39633.0	36014.4	32217.5	29112.1	26511.2	23959.9	21104.2	17912.4	14935.9	12598.1
-5°	42205.7	38530.5	34986.1	31361.8	28263.9	25681.3	23223.7	20555.7	17587.7	14773.2	12522.5
-7.5°	40049.1	36764.6	33547.6	30175.1	27125.8	24553.1	22147.3	19609.9	16873.3	14235.9	12076.4
-10°	37299.2	34281.3	31276.5	28290.3	25608.4	23240.6	20950.8	18577.0	16044.9	13592.4	11558.1
-12.5°	34564.9	31686.9	28825.1	26083.6	23744.4	21564.2	19530.2	17441.7	15118.5	12845.9	10975.7
-15°	31612.4	29016.4	26491.1	24048.3	21785.7	19794.5	17995.8	16131.4	14070.2	12037.3	10334.7
-17.5°	29045.5	26463.6	24147.9	22173.9	20116.7	18092.9	16482.2	14849.1	13091.2	11335.6	9785.5
-20°	26775.6	24586.4	22335.0	20449.3	18691.7	16931.9	15199.1	13647.6	12183.0	10698.6	9310.9



REPORT NUMBER: P1306345 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-70-7F-CV1-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	24934.3	22953.0	20966.2	19049.3	17386.7	15885.0	14362.6	12820.2	11334.9	10045.9	8851.8
-25°	23297.5	21426.8	19684.1	18065.3	16377.3	14890.3	13602.0	12235.4	10818.8	9468.9	8427.8
-27.5°	21928.3	20224.4	18653.6	17189.5	15671.3	14212.0	12937.0	11672.8	10358.1	9145.4	8076.5
-30°	20753.0	19272.1	17818.8	16440.0	15051.1	13678.9	12358.1	11158.4	9938.8	8795.4	7784.1
-32.5°	19637.9	18264.1	16940.4	15683.2	14390.6	13103.8	11864.6	10638.3	9465.1	8440.6	7502.4
-35°	18469.9	17195.0	16010.9	14846.5	13685.7	12489.9	11303.6	10102.3	9008.4	8047.2	7176.3
-37.5°	17323.8	16142.9	15048.0	13968.5	12911.9	11820.5	10677.6	9582.7	8548.1	7632.2	6807.7
-40°	16153.7	15085.6	14060.3	13070.8	12084.5	11096.1	10054.6	9037.7	8089.7	7176.3	6402.3
-42.5°	14928.3	13974.2	13049.5	12136.6	11218.5	10318.8	9407.2	8488.9	7598.8	6749.0	5972.4
-45°	13662.0	12835.9	12005.8	11172.3	10331.2	9536.4	8754.1	7913.4	7086.7	6296.2	5529.0
-47.5°	12437.1	11714.9	10957.2	10210.2	9487.2	8765.6	8059.6	7313.2	6554.9	5814.6	5133.1
-50°	11286.4	10628.4	9961.9	9301.7	8664.6	8012.3	7358.7	6702.1	6004.3	5342.9	4720.8
-52.5°	10129.5	9572.0	9004.0	8431.0	7854.9	7257.2	6652.7	6067.9	5452.1	4872.5	4322.0
-55°	9046.3	8554.7	8055.8	7550.2	7047.0	6521.4	5982.3	5450.7	4932.8	4407.4	3934.1
-57.5°	7983.7	7549.1	7138.0	6714.7	6281.5	5821.4	5351.8	4876.9	4420.0	3970.8	3543.2
-60°	7007.5	6641.4	6280.3	5917.4	5555.2	5160.3	4737.4	4320.7	3912.2	3539.0	3176.0
-62.5°	6057.9	5740.3	5442.1	5142.3	4830.7	4494.6	4133.2	3794.4	3453.6	3118.4	2824.3
-65°	5182.0	4918.2	4656.0	4409.7	4161.6	3910.0	3603.8	3304.2	3017.2	2741.0	2483.7
-67.5°	4383.3	4170.9	3962.4	3756.3	3550.4	3340.9	3089.1	2834.6	2599.0	2375.3	2156.6
-70°	3633.6	3462.9	3292.5	3121.7	2954.1	2790.0	2599.7	2399.1	2203.3	2013.0	1822.3
-72.5°	2923.9	2791.7	2659.7	2531.3	2401.1	2273.4	2126.4	1962.0	1799.3	1639.1	1484.3
-75°	2261.5	2164.3	2066.0	1970.4	1871.1	1768.7	1661.9	1539.5	1416.3	1292.8	1170.2
-77.5°	1657.9	1591.2	1523.0	1459.3	1393.8	1327.0	1251.2	1153.6	1061.4	970.3	881.6
-80°	1129.3	1087.9	1045.6	1008.2	968.1	925.4	876.6	807.1	738.2	674.3	616.5
-82.5°	686.0	665.5	643.4	621.9	598.3	572.7	544.0	503.5	463.7	424.7	386.7
-85°	341.5	333.3	324.2	315.0	304.9	294.0	282.2	265.0	247.2	228.9	210.0
-87.5°	125.0	122.3	119.4	117.3	115.0	112.5	109.7	103.4	97.1	90.8	84.6
-90°	4.2	4.2	4.2	4.7	5.3	5.8	6.3	6.3	6.3	6.3	6.3



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	16.2	15.7	15.1	14.6	14.6	14.6	14.6	14.6	14.1	13.6	13.0
87.5°	10.9	12.3	13.6	14.7	13.9	13.1	12.3	11.6	12.0	12.3	12.5
85°	20.4	21.1	22.0	23.0	21.7	19.8	18.3	16.9	17.2	17.3	17.2
82.5°	34.9	33.1	32.1	31.5	31.3	30.3	28.5	26.0	23.5	22.4	22.0
80°	61.9	55.4	49.5	44.6	41.8	40.9	39.8	37.0	31.4	27.5	25.4
77.5°	86.9	77.8	69.6	61.4	54.1	49.1	46.7	45.4	38.9	32.4	28.1
75°	109.6	97.7	86.6	75.8	65.2	56.6	50.7	46.8	41.7	36.6	30.6
72.5°	124.8	112.1	100.6	88.7	75.1	63.6	54.5	48.1	42.9	37.6	32.4
70°	135.5	123.0	110.0	96.4	82.9	69.8	58.4	50.6	43.9	38.6	33.2
67.5°	141.9	127.9	115.1	102.8	88.9	75.0	61.7	53.3	46.4	39.5	34.0
65°	127.7	123.1	117.8	104.7	92.3	79.7	65.6	56.3	48.7	41.5	34.6
62.5°	109.2	109.2	106.1	102.9	93.1	81.0	69.5	59.9	51.1	43.5	36.0
60°	86.3	90.3	93.4	92.5	89.2	80.9	70.9	63.3	53.9	45.4	37.7
57.5°	69.7	72.4	78.4	82.0	81.0	77.1	71.7	65.0	56.4	47.3	39.3
55°	57.0	61.9	66.8	71.0	73.0	70.7	71.4	66.0	58.4	49.1	41.1
52.5°	50.5	55.3	60.2	63.1	65.3	66.4	69.5	67.0	59.5	50.7	43.2
50°	48.6	53.7	57.3	59.6	59.7	64.7	68.9	67.4	60.6	52.0	45.5
47.5°	55.9	60.2	58.9	58.7	58.5	64.8	69.7	68.5	61.7	53.0	47.9
45°	83.2	76.3	68.5	62.7	62.8	69.4	72.0	70.7	63.9	56.0	50.6
42.5°	131.9	118.5	90.6	68.6	80.4	77.0	75.8	74.2	66.8	59.5	53.6
40°	266.8	186.8	129.0	119.6	110.5	87.1	84.2	78.9	70.7	63.9	57.0
37.5°	454.9	329.6	209.1	213.5	164.6	124.0	94.5	84.7	77.5	69.6	60.6
35°	781.1	550.0	435.8	387.9	278.7	169.5	106.4	92.9	85.9	75.6	64.5
32.5°	1184.5	966.3	853.0	653.3	421.4	223.3	139.2	108.3	95.2	81.8	68.6
30°	1866.2	1685.7	1367.4	979.2	622.9	355.7	196.7	126.0	105.5	88.3	73.2
27.5°	2894.4	2534.2	1993.6	1449.8	933.6	516.7	281.8	145.8	116.6	95.7	78.4
25°	4014.0	3495.7	2809.1	2009.5	1283.7	772.3	385.7	169.8	131.4	104.6	83.7
22.5°	5250.7	4489.6	3709.2	2621.4	1672.1	1069.3	551.2	249.1	148.7	113.9	89.0
20°	6435.7	5501.2	4609.3	3101.6	2086.8	1414.7	781.7	338.1	166.9	123.4	94.3
17.5°	7586.6	6331.8	5095.8	3624.8	2493.6	1741.0	1030.9	434.4	185.6	133.0	99.5
15°	8371.4	6886.6	5551.3	4091.9	2856.9	2047.8	1292.9	535.7	204.5	142.7	107.4
12.5°	8972.8	7389.3	5986.1	4503.4	3178.9	2335.1	1561.7	639.4	223.5	157.7	118.8
10°	9489.2	7838.8	6394.0	4860.0	3461.9	2602.7	1830.3	737.2	252.8	176.9	130.2
7.5°	9922.7	8234.1	6768.1	5162.8	3693.2	2779.3	1995.0	816.7	283.1	196.1	141.4
5°	10261.0	8526.9	7063.8	5369.0	3813.4	2858.7	2119.6	886.1	312.5	214.9	152.4
2.5°	10462.4	8686.1	7287.4	5522.4	3909.5	2917.2	2216.5	944.5	340.7	233.1	163.0
0°	10593.7	8788.8	7455.5	5627.6	3979.2	2956.7	2284.8	991.1	367.2	250.4	173.2
-2.5°	10643.7	8804.1	7479.7	5761.8	4120.9	3079.0	2351.3	1120.5	491.2	335.4	227.7
-5°	10616.1	8772.6	7454.9	5846.3	4232.8	3180.7	2393.0	1237.2	611.2	417.9	280.8
-7.5°	10284.3	8587.5	7326.1	5859.0	4313.6	3258.6	2414.7	1341.1	725.6	496.7	331.7
-10°	9841.2	8290.0	7058.7	5682.6	4305.0	3305.5	2426.2	1432.5	832.5	570.5	379.6
-12.5°	9349.9	7953.7	6768.3	5490.1	4266.0	3330.9	2458.1	1517.7	930.3	638.1	423.9
-15°	8818.0	7581.2	6463.0	5291.4	4211.8	3343.8	2475.3	1590.6	1018.6	702.2	463.7
-17.5°	8294.7	7175.1	6150.3	5095.7	4145.8	3346.1	2480.2	1647.0	1096.8	764.1	506.2
-20°	8010.3	6880.0	5842.9	4911.5	4071.0	3339.9	2474.8	1686.3	1163.7	818.6	549.7



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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°	7726.5	6686.7	5695.3	4780.8	4007.9	3326.8	2461.1	1708.0	1218.6	865.2	587.5
-25°	7428.0	6483.5	5552.4	4688.3	3965.7	3279.0	2454.2	1711.7	1260.7	903.5	619.3
-27.5°	7164.0	6278.1	5387.1	4560.0	3882.8	3228.6	2443.5	1752.3	1293.9	932.8	644.6
-30°	6916.6	6070.6	5212.3	4409.8	3770.2	3106.6	2411.2	1778.0	1323.5	957.9	663.2
-32.5°	6661.2	5843.2	5001.7	4262.9	3620.5	2968.1	2320.5	1785.7	1341.1	976.7	679.0
-35°	6363.3	5567.4	4755.8	4080.9	3452.6	2825.2	2219.0	1775.3	1346.4	986.0	689.0
-37.5°	6025.1	5244.6	4523.5	3875.7	3272.9	2671.7	2145.1	1722.8	1339.3	985.7	691.7
-40°	5651.1	4922.0	4257.1	3667.5	3090.5	2508.1	2057.1	1667.4	1326.8	975.5	687.0
-42.5°	5257.8	4607.0	4002.7	3446.7	2901.4	2394.3	1958.7	1601.6	1281.7	960.1	674.7
-45°	4890.1	4286.5	3739.1	3222.6	2712.3	2266.3	1873.7	1527.4	1224.7	937.0	658.0
-47.5°	4510.7	3977.0	3472.2	2985.6	2552.0	2132.7	1777.0	1453.5	1160.0	903.6	638.6
-50°	4153.0	3665.7	3203.6	2772.4	2369.2	2011.5	1672.5	1370.3	1095.1	847.7	612.8
-52.5°	3816.3	3364.9	2949.7	2558.1	2207.1	1877.9	1567.4	1279.0	1022.9	793.3	580.8
-55°	3481.9	3078.4	2701.7	2360.1	2041.7	1742.2	1452.2	1187.2	943.7	736.2	543.6
-57.5°	3160.2	2794.5	2474.2	2167.1	1872.4	1596.0	1333.9	1087.4	866.7	673.8	507.7
-60°	2836.8	2540.4	2251.8	1966.6	1695.5	1445.1	1210.3	984.0	785.8	608.4	462.5
-62.5°	2543.6	2277.9	2016.8	1755.7	1515.4	1291.5	1080.7	881.5	699.0	547.4	412.3
-65°	2243.3	2005.1	1770.5	1546.9	1333.1	1133.8	952.2	772.4	618.6	482.6	362.9
-67.5°	1939.3	1731.4	1532.2	1333.7	1152.2	980.7	816.7	670.7	537.0	414.4	320.2
-70°	1635.8	1456.1	1293.0	1132.7	974.2	824.9	694.8	569.9	451.5	358.9	275.4
-72.5°	1338.8	1198.5	1064.2	929.6	803.0	683.6	571.8	469.6	381.9	301.5	228.7
-75°	1051.9	946.7	845.5	742.7	637.2	539.4	460.1	384.7	310.2	242.0	188.1
-77.5°	796.7	713.5	632.3	560.8	488.1	420.0	356.9	297.2	240.0	191.8	148.9
-80°	561.2	507.2	454.6	402.7	348.5	298.3	258.3	219.5	178.3	141.4	108.7
-82.5°	349.1	318.3	289.6	260.7	229.5	199.6	171.2	144.0	115.4	89.9	74.8
-85°	191.6	173.1	154.6	136.2	117.6	100.0	91.5	83.2	73.0	63.4	54.3
-87.5°	79.9	75.3	70.7	66.0	61.7	57.4	53.1	49.0	43.6	38.5	33.7
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.8	7.3	7.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.5	12.0	11.5	10.9	10.4	9.4	8.3
87.5°	12.6	12.0	11.5	11.2	11.1	9.7	8.3
85°	16.9	15.1	13.7	12.6	11.9	10.0	8.3
82.5°	21.2	18.3	15.9	14.0	12.6	10.3	8.3
80°	25.0	21.3	18.0	15.3	13.3	10.6	8.3
77.5°	25.9	23.5	20.0	16.6	14.0	10.9	8.3
75°	26.8	23.9	21.7	17.9	14.6	11.2	8.3
72.5°	27.6	24.2	21.8	19.1	15.3	11.5	8.3
70°	28.3	24.5	21.8	20.1	15.9	11.8	8.3
67.5°	29.1	24.7	21.7	19.9	16.5	12.1	8.3
65°	29.9	25.2	21.7	19.7	17.1	12.3	8.3
62.5°	30.8	26.1	21.5	19.4	17.7	12.6	8.3
60°	31.6	26.9	21.3	19.2	18.2	12.8	8.3
57.5°	33.2	27.7	22.0	18.9	18.1	13.0	8.3
55°	34.9	28.5	22.7	18.5	17.9	13.3	8.3
52.5°	36.5	29.4	23.4	18.2	17.8	13.5	8.3
50°	38.1	30.8	24.1	17.8	17.6	13.7	8.3
47.5°	39.7	32.1	24.8	17.6	17.5	13.9	8.3
45°	42.0	33.3	25.4	18.1	17.5	14.0	8.3
42.5°	44.5	34.5	26.1	18.5	17.4	14.2	8.3
40°	47.0	35.6	26.8	19.3	17.4	14.3	8.3
37.5°	49.6	36.7	27.7	20.3	17.4	14.4	8.3
35°	52.3	38.4	28.5	21.3	17.4	14.6	8.3
32.5°	55.2	40.5	29.2	22.3	17.4	14.7	8.3
30°	58.4	42.5	29.9	23.4	17.5	14.7	8.3
27.5°	61.7	44.5	32.0	24.5	17.5	14.8	8.3
25°	65.1	46.4	34.4	25.6	17.6	14.9	8.3
22.5°	68.4	49.3	37.0	26.7	17.7	14.9	8.3
20°	71.7	54.6	39.6	27.8	17.8	14.9	8.3
17.5°	77.9	60.0	42.3	28.9	18.0	14.9	8.3
15°	85.7	65.5	45.0	30.0	18.1	14.9	8.3
12.5°	93.5	70.9	47.8	31.1	18.2	14.9	8.3
10°	101.1	76.3	50.5	32.1	18.3	14.9	8.3
7.5°	108.6	81.5	53.2	33.0	18.5	14.8	8.3
5°	115.8	86.6	55.8	33.9	18.6	14.8	8.3
2.5°	122.8	91.4	58.2	34.8	18.7	14.7	8.3
0°	129.4	96.0	60.5	35.5	18.8	14.6	8.3
-2.5°	161.8	114.8	70.3	39.8	20.3	14.9	8.3
-5°	193.5	132.9	79.8	44.0	21.7	15.1	8.3
-7.5°	223.9	150.3	88.9	48.0	23.1	15.4	8.3
-10°	252.7	166.7	97.5	51.8	24.4	15.6	8.3
-12.5°	279.5	181.9	105.4	55.3	25.6	15.8	8.3
-15°	304.0	195.6	112.6	58.5	26.8	16.0	8.3
-17.5°	325.7	207.7	119.0	61.3	27.9	16.1	8.3
-20°	349.5	218.0	124.5	63.7	28.9	16.3	8.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	377.9	226.4	128.9	65.7	29.7	16.4	8.3
-25°	402.1	239.1	132.3	67.3	30.5	16.4	8.3
-27.5°	421.8	252.0	134.5	68.3	31.1	16.5	8.3
-30°	436.7	262.0	136.1	68.9	31.6	16.5	8.3
-32.5°	446.6	269.1	141.2	68.9	31.9	16.5	8.3
-35°	453.7	273.0	144.5	68.3	32.1	16.5	8.3
-37.5°	457.1	274.8	146.0	67.2	32.1	16.4	8.3
-40°	455.8	275.8	145.7	65.6	32.0	16.4	8.3
-42.5°	449.6	273.8	145.0	64.1	31.7	16.2	8.3
-45°	438.8	268.8	144.1	63.3	31.3	16.1	8.3
-47.5°	423.1	260.8	141.6	61.7	30.7	15.9	8.3
-50°	407.6	249.8	137.6	61.2	29.9	15.7	8.3
-52.5°	388.7	236.0	132.1	60.5	29.0	15.5	8.3
-55°	365.7	224.3	125.1	59.2	28.0	15.2	8.3
-57.5°	338.7	211.3	116.6	57.2	26.8	14.9	8.3
-60°	309.0	196.1	107.0	54.6	25.4	14.6	8.3
-62.5°	284.3	178.9	100.3	51.4	24.5	14.3	8.3
-65°	256.7	159.7	92.6	47.6	23.5	13.9	8.3
-67.5°	226.6	141.9	83.9	43.3	22.4	13.5	8.3
-70°	194.1	125.8	74.2	38.5	21.3	13.1	8.3
-72.5°	167.0	108.4	63.8	35.2	20.0	12.7	8.3
-75°	139.3	89.9	52.7	32.2	18.8	12.2	8.3
-77.5°	110.2	70.4	45.5	28.9	17.5	11.8	8.3
-80°	79.8	56.6	39.1	25.5	16.1	11.3	8.3
-82.5°	62.1	45.8	32.4	22.0	14.7	10.8	8.3
-85°	45.8	34.7	25.5	18.4	13.3	10.3	8.3
-87.5°	29.2	23.4	18.5	14.7	11.9	9.9	8.3
-90°	8.3	8.8	9.4	9.9	10.4	9.4	8.3

(END OF REPORT)