

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: P1305984 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-2S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305984 (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: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-2S-HEG-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

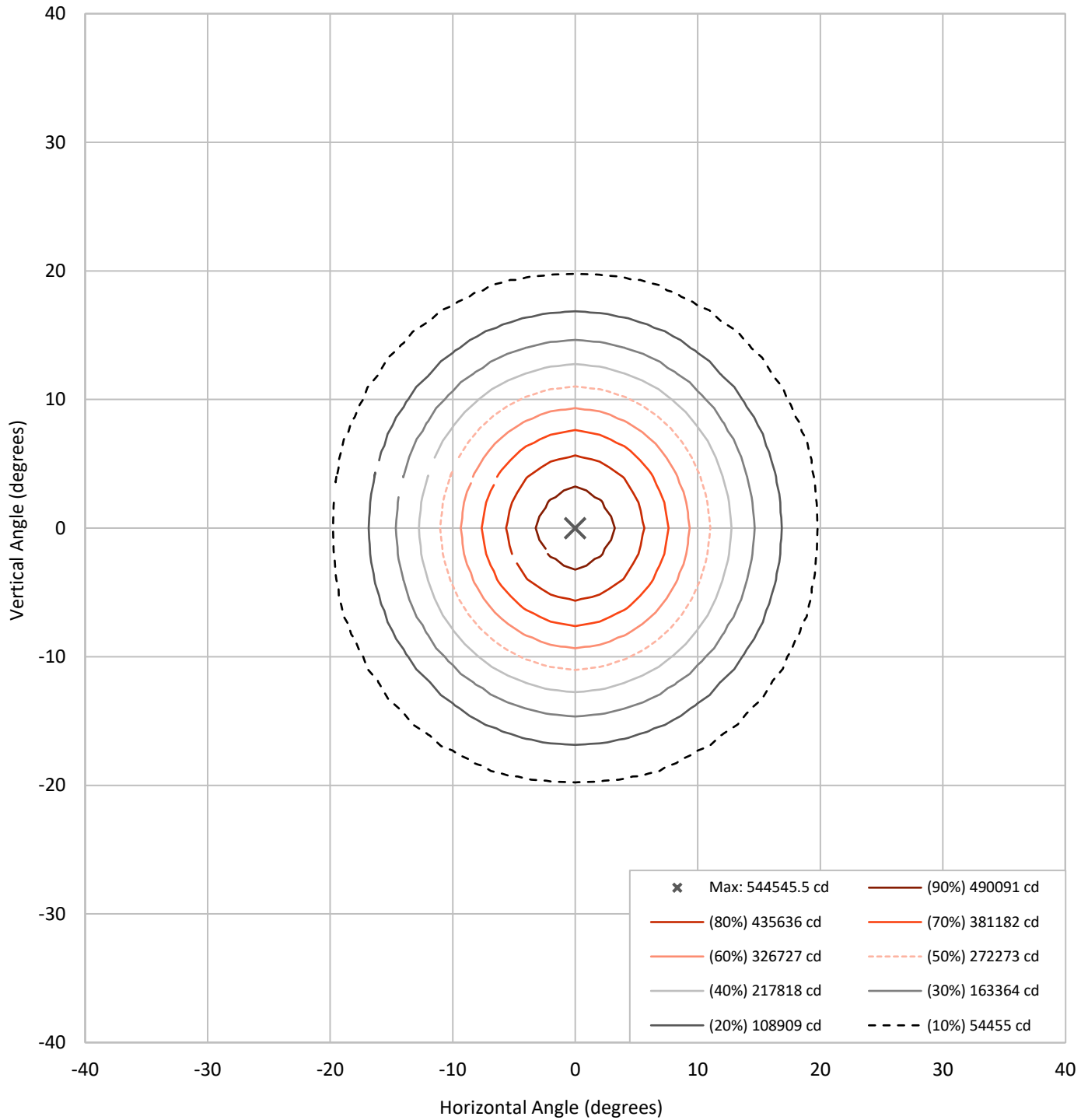
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	98089.8 lumens	Max Intensity:	544545.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	43352.5 lumens	Field Lumens:	80515.8 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





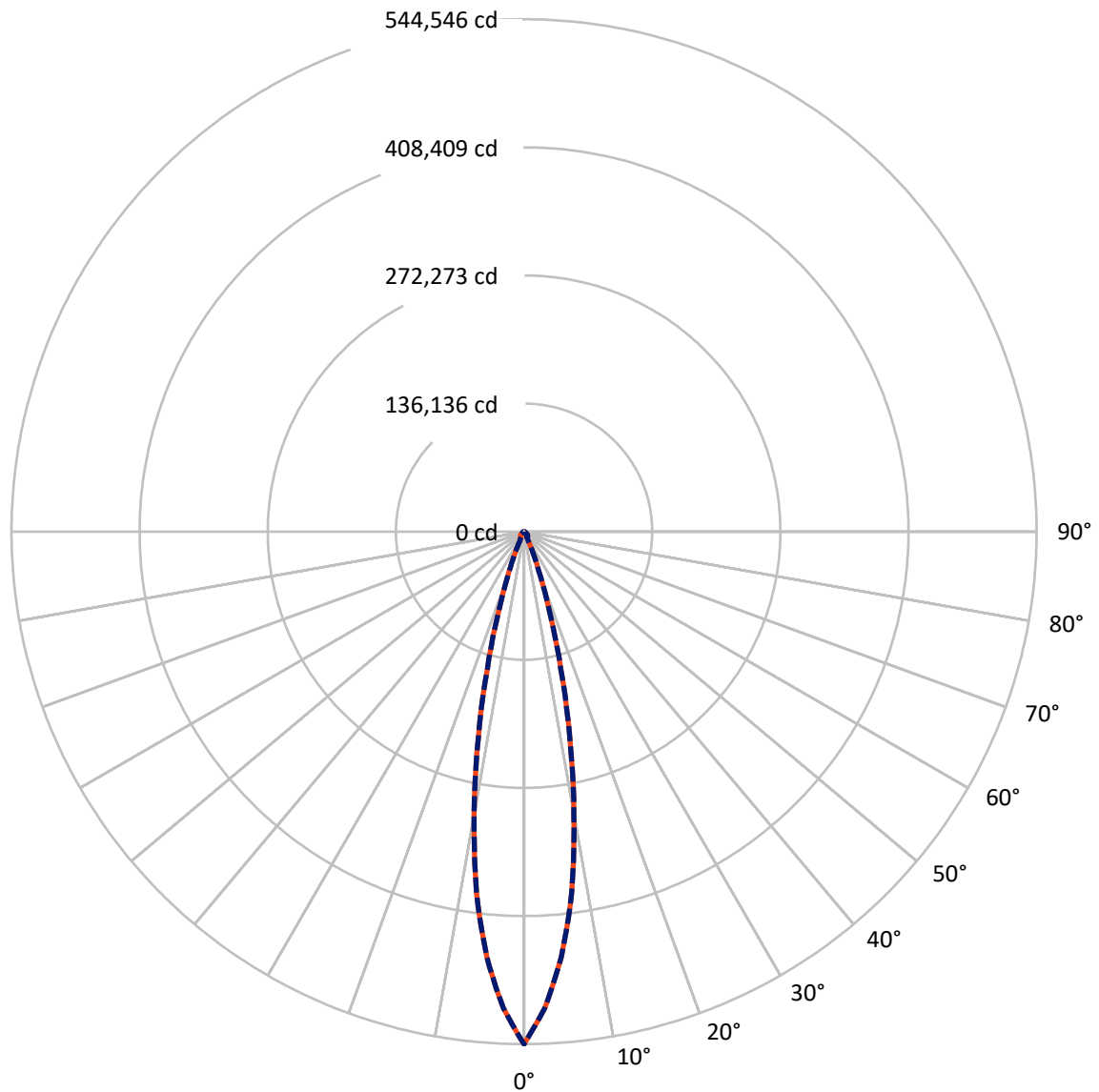
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### Lumen Table

90	0.2	1.0		3.5		8.6		11.4		8.6		3.5		1.0		0.2			
80	0.2	1.0		3.5		8.6		11.4		8.6		3.5		1.0		0.2			
70	0.4	0.5	2.0	6.2	12.3	18.9	24.3	27.4	27.4	24.3	18.9	12.3	6.2	2.0	0.5	0.4			
60		1.5	7.2	17.5	30.2	42.0	50.0	54.1	54.1	50.0	42.0	30.2	17.5	7.2	1.5				
50	1.1	3.8	14.3	30.3	46.1	74.8	114.4	137.1	137.1	114.4	74.8	46.1	30.3	14.3	3.8	1.1			
40		6.5	21.3	39.9	88.2	151.3	177.3	186.5	186.5	177.3	151.3	88.2	39.9	21.3	6.5				
30	2.5	9.1	26.8	59.0	137.0	170.4	233.0	475.5	475.5	233.0	170.4	137.0	59.0	26.8	9.1	2.5			
20		11.0	29.9	84.9	150.5	219.3	1387.3	4110.9	4110.9	1387.3	219.3	150.5	84.9	29.9	11.0				
10	3.2	12.0	31.4	98.4	153.4	438.3	4006.5	11267.5	11267.5	4006.5	438.3	153.4	98.4	31.4	12.0	3.2			
0		12.0	31.4	98.4	153.4	438.3	4006.5	11267.5	11267.5	4006.5	438.3	153.4	98.4	31.4	12.0				
-10	2.5	11.0	29.9	84.9	150.5	219.3	1387.3	4110.9	4110.9	1387.3	219.3	150.5	84.9	29.9	11.0	2.5			
-20		9.1	26.8	59.0	137.0	170.4	233.0	475.5	475.5	233.0	170.4	137.0	59.0	26.8	9.1				
-30	1.1	6.5	21.3	39.9	88.2	151.3	177.3	186.5	186.5	177.3	151.3	88.2	39.9	21.3	6.5	1.1			
-40		3.8	14.3	30.3	46.1	74.8	114.4	137.1	137.1	114.4	74.8	46.1	30.3	14.3	3.8				
-50	0.4	1.5	7.2	17.5	30.2	42.0	50.0	54.1	54.1	50.0	42.0	30.2	17.5	7.2	1.5	0.4			
-60		0.5	2.0	6.2	12.3	18.9	24.3	27.4	27.4	24.3	18.9	12.3	6.2	2.0	0.5				
-70	0.2	1.0		3.5		8.6		11.4		8.6		3.5		1.0		0.2			
-80		1.0		3.5		8.6		11.4		8.6		3.5		1.0					
-90	0.2	1.0		3.5		8.6		11.4		8.6		3.5		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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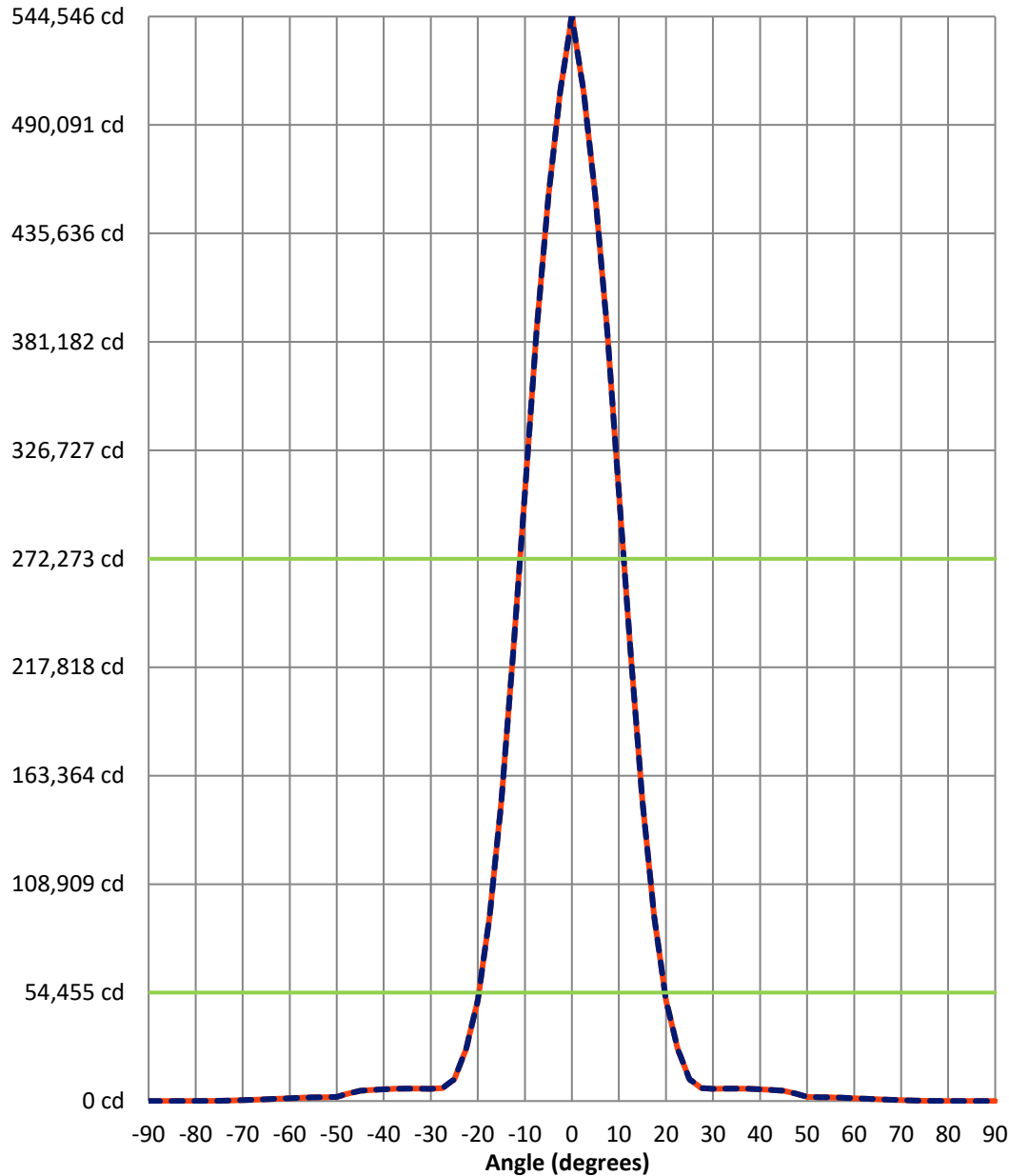
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22°  
 V Angle: 22°  
 Lumens: 43352.5  
 Efficiency: 44.2%

**Field:**  
 H Angle: 39.6°  
 V Angle: 39.6°  
 Lumens: 80515.8  
 Efficiency: 82.1%

**Spill:**  
 Lumens: 17574  
 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	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.3	10.9	11.5
80°	0.0	1.8	3.5	5.3	7.0	8.8	10.4	11.2	12.0	12.8	13.6
77.5°	0.0	2.2	4.4	6.6	8.8	10.6	11.6	12.7	13.7	14.7	15.9
75°	0.0	2.6	5.3	7.9	10.4	11.6	12.9	14.1	15.4	17.1	18.7
72.5°	0.0	3.1	6.1	9.2	11.2	12.7	14.1	15.7	17.7	19.6	21.5
70°	0.0	3.5	7.0	10.3	12.0	13.7	15.4	17.7	19.9	22.1	25.9
67.5°	0.0	3.9	7.8	10.9	12.8	14.7	17.1	19.6	22.1	26.4	30.6
65°	0.0	4.3	8.6	11.5	13.6	15.9	18.7	21.5	25.9	30.6	36.2
62.5°	0.0	4.7	9.4	12.1	14.4	17.2	20.3	24.3	29.6	35.3	44.1
60°	0.0	5.1	10.2	12.7	15.2	18.5	21.8	27.5	33.2	42.3	51.8
57.5°	0.0	5.5	10.6	13.2	16.2	19.8	24.3	30.6	38.7	49.0	71.6
55°	0.0	5.8	10.9	13.8	17.1	21.0	26.9	33.6	44.6	59.2	96.7
52.5°	0.0	6.2	11.3	14.3	18.1	22.3	29.5	38.3	50.3	81.2	121.2
50°	0.0	6.6	11.6	14.8	19.0	24.4	31.9	43.2	59.8	102.6	169.7
47.5°	0.0	6.9	12.0	15.4	19.9	26.3	34.5	47.9	78.1	123.2	219.5
45°	0.0	7.2	12.3	16.0	20.8	28.2	38.3	52.4	95.8	165.9	267.6
42.5°	0.0	7.5	12.6	16.6	21.6	30.0	42.0	62.8	112.7	207.4	323.7
40°	0.0	7.8	12.9	17.2	22.7	31.7	45.6	76.9	135.1	247.1	378.9
37.5°	0.0	8.1	13.1	17.8	24.0	33.4	48.9	90.4	168.6	287.5	431.6
35°	0.0	8.4	13.4	18.3	25.2	35.6	52.1	103.1	200.3	332.2	482.7
32.5°	0.0	8.6	13.6	18.8	26.4	38.1	57.2	115.1	230.1	374.4	532.4
30°	0.0	8.8	13.9	19.3	27.5	40.4	66.8	129.4	258.1	413.9	579.0
27.5°	0.0	9.0	14.1	19.7	28.5	42.6	75.7	152.0	286.5	450.7	622.3
25°	0.0	9.2	14.3	20.1	29.4	44.6	83.8	172.8	316.4	485.8	662.8
22.5°	0.0	9.4	14.4	20.4	30.2	46.4	91.3	191.8	343.6	518.4	708.1
20°	0.0	9.6	14.6	20.8	31.0	48.0	98.0	208.9	368.2	547.8	749.0
17.5°	0.0	9.7	14.7	21.1	31.7	49.4	104.0	224.1	390.1	574.0	785.4
15°	0.0	9.9	14.9	21.3	32.3	50.7	109.2	237.4	409.2	596.8	817.2
12.5°	0.0	10.0	15.0	21.5	32.8	51.8	113.6	248.6	425.4	616.2	844.2
10°	0.0	10.0	15.0	21.7	33.2	52.6	117.2	257.9	438.7	632.2	866.5
7.5°	0.0	10.1	15.1	21.8	33.5	53.3	120.0	265.1	449.1	644.6	883.9
5°	0.0	10.2	15.2	21.9	33.7	53.8	122.1	270.3	456.5	653.5	896.3
2.5°	0.0	10.2	15.2	22.0	33.9	54.1	123.3	273.4	461.0	658.9	903.8
0°	0.0	10.2	15.2	22.0	33.9	54.2	123.7	274.4	462.5	660.7	906.3
-2.5°	0.0	10.2	15.2	22.0	33.9	54.1	123.3	273.4	461.0	658.9	903.8
-5°	0.0	10.2	15.2	21.9	33.7	53.8	122.1	270.3	456.5	653.5	896.3
-7.5°	0.0	10.1	15.1	21.8	33.5	53.3	120.0	265.1	449.1	644.6	883.9
-10°	0.0	10.0	15.0	21.7	33.2	52.6	117.2	257.9	438.7	632.2	866.5
-12.5°	0.0	10.0	15.0	21.5	32.8	51.8	113.6	248.6	425.4	616.2	844.2
-15°	0.0	9.9	14.9	21.3	32.3	50.7	109.2	237.4	409.2	596.8	817.2
-17.5°	0.0	9.7	14.7	21.1	31.7	49.4	104.0	224.1	390.1	574.0	785.4
-20°	0.0	9.6	14.6	20.8	31.0	48.0	98.0	208.9	368.2	547.8	749.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.4	14.4	20.4	30.2	46.4	91.3	191.8	343.6	518.4	708.1
-25°	0.0	9.2	14.3	20.1	29.4	44.6	83.8	172.8	316.4	485.8	662.8
-27.5°	0.0	9.0	14.1	19.7	28.5	42.6	75.7	152.0	286.5	450.7	622.3
-30°	0.0	8.8	13.9	19.3	27.5	40.4	66.8	129.4	258.1	413.9	579.0
-32.5°	0.0	8.6	13.6	18.8	26.4	38.1	57.2	115.1	230.1	374.4	532.4
-35°	0.0	8.4	13.4	18.3	25.2	35.6	52.1	103.1	200.3	332.2	482.7
-37.5°	0.0	8.1	13.1	17.8	24.0	33.4	48.9	90.4	168.6	287.5	431.6
-40°	0.0	7.8	12.9	17.2	22.7	31.7	45.6	76.9	135.1	247.1	378.9
-42.5°	0.0	7.5	12.6	16.6	21.6	30.0	42.0	62.8	112.7	207.4	323.7
-45°	0.0	7.2	12.3	16.0	20.8	28.2	38.3	52.4	95.8	165.9	267.6
-47.5°	0.0	6.9	12.0	15.4	19.9	26.3	34.5	47.9	78.1	123.2	219.5
-50°	0.0	6.6	11.6	14.8	19.0	24.4	31.9	43.2	59.8	102.6	169.7
-52.5°	0.0	6.2	11.3	14.3	18.1	22.3	29.5	38.3	50.3	81.2	121.2
-55°	0.0	5.8	10.9	13.8	17.1	21.0	26.9	33.6	44.6	59.2	96.7
-57.5°	0.0	5.5	10.6	13.2	16.2	19.8	24.3	30.6	38.7	49.0	71.6
-60°	0.0	5.1	10.2	12.7	15.2	18.5	21.8	27.5	33.2	42.3	51.8
-62.5°	0.0	4.7	9.4	12.1	14.4	17.2	20.3	24.3	29.6	35.3	44.1
-65°	0.0	4.3	8.6	11.5	13.6	15.9	18.7	21.5	25.9	30.6	36.2
-67.5°	0.0	3.9	7.8	10.9	12.8	14.7	17.1	19.6	22.1	26.4	30.6
-70°	0.0	3.5	7.0	10.3	12.0	13.7	15.4	17.7	19.9	22.1	25.9
-72.5°	0.0	3.1	6.1	9.2	11.2	12.7	14.1	15.7	17.7	19.6	21.5
-75°	0.0	2.6	5.3	7.9	10.4	11.6	12.9	14.1	15.4	17.1	18.7
-77.5°	0.0	2.2	4.4	6.6	8.8	10.6	11.6	12.7	13.7	14.7	15.9
-80°	0.0	1.8	3.5	5.3	7.0	8.8	10.4	11.2	12.0	12.8	13.6
-82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.3	10.9	11.5
-85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-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°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
85°	9.4	10.2	10.6	10.9	11.3	11.6	12.0	12.3	12.6	12.9	13.1
82.5°	12.1	12.7	13.2	13.8	14.3	14.8	15.4	16.0	16.6	17.2	17.8
80°	14.4	15.2	16.2	17.1	18.1	19.0	19.9	20.8	21.6	22.7	24.0
77.5°	17.2	18.5	19.8	21.0	22.3	24.4	26.3	28.2	30.0	31.7	33.4
75°	20.3	21.8	24.3	26.9	29.5	31.9	34.5	38.3	42.0	45.6	48.9
72.5°	24.3	27.5	30.6	33.6	38.3	43.2	47.9	52.4	62.8	76.9	90.4
70°	29.6	33.2	38.7	44.6	50.3	59.8	78.1	95.8	112.7	135.1	168.6
67.5°	35.3	42.3	49.0	59.2	81.2	102.6	123.2	165.9	207.4	247.1	287.5
65°	44.1	51.8	71.6	96.7	121.2	169.7	219.5	267.6	323.7	378.9	431.6
62.5°	52.7	77.8	106.0	145.3	203.6	260.3	325.3	391.5	455.2	519.2	580.6
60°	77.8	109.2	158.9	224.1	291.0	368.2	443.1	518.4	591.9	662.8	746.2
57.5°	106.0	158.9	231.0	308.2	394.2	478.7	564.3	647.2	742.9	838.0	929.9
55°	145.3	224.1	308.2	402.9	497.1	592.1	690.1	800.9	908.0	1015.2	1117.9
52.5°	203.6	291.0	394.2	497.1	601.4	713.3	836.0	957.1	1077.0	1191.3	1297.6
50°	260.3	368.2	478.7	592.1	713.3	847.8	981.8	1114.4	1239.6	1358.5	1477.6
47.5°	325.3	443.1	564.3	690.1	836.0	981.8	1127.0	1263.9	1395.3	1531.1	1662.5
45°	391.5	518.4	647.2	800.9	957.1	1114.4	1263.9	1407.7	1558.0	1694.0	1791.9
42.5°	455.2	591.9	742.9	908.0	1077.0	1239.6	1395.3	1558.0	1703.6	1811.4	1873.9
40°	519.2	662.8	838.0	1015.2	1191.3	1358.5	1531.1	1694.0	1811.4	1876.8	1909.2
37.5°	580.6	746.2	929.9	1117.9	1297.6	1477.6	1662.5	1791.9	1873.9	1909.2	2032.3
35°	638.9	825.6	1020.1	1213.6	1399.0	1595.0	1753.3	1865.2	1903.3	2021.0	2470.2
32.5°	701.9	900.6	1105.4	1302.6	1502.0	1696.2	1837.1	1891.5	1987.3	2278.0	3455.5
30°	765.9	973.7	1184.8	1386.5	1599.8	1769.9	1874.1	1931.9	2086.6	3161.5	4283.3
27.5°	825.6	1042.2	1256.7	1469.2	1685.4	1839.0	1896.0	2019.2	2678.2	3958.7	5008.4
25°	880.7	1105.4	1323.3	1547.4	1744.8	1870.3	1931.4	2100.8	3408.5	4595.2	5316.5
22.5°	932.1	1163.3	1384.3	1619.1	1799.3	1887.6	2001.2	2643.1	4029.8	5166.5	5505.4
20°	979.5	1213.6	1442.0	1680.5	1848.7	1903.4	2064.7	3215.5	4531.9	5327.6	5660.4
17.5°	1021.7	1258.4	1495.0	1721.0	1867.3	1935.8	2189.6	3729.6	4983.8	5473.0	5791.9
15°	1058.6	1297.6	1541.4	1756.5	1878.6	1981.8	2606.9	4109.3	5225.0	5595.5	5907.9
12.5°	1090.0	1331.0	1581.0	1786.8	1888.4	2021.3	2964.4	4425.0	5327.0	5688.3	5990.1
10°	1115.8	1358.5	1613.6	1811.8	1896.4	2053.8	3260.0	4686.3	5411.6	5765.4	6058.6
7.5°	1136.0	1379.9	1639.0	1831.3	1902.7	2079.3	3492.0	4891.6	5478.2	5826.1	6112.6
5°	1150.5	1395.3	1657.3	1845.3	1907.2	2097.7	3658.7	5039.3	5526.1	5869.9	6151.6
2.5°	1159.2	1404.6	1668.3	1853.8	1909.9	2108.7	3759.2	5128.4	5555.0	5896.4	6175.2
0°	1162.1	1407.7	1672.0	1856.6	1910.8	2112.4	3792.8	5158.2	5564.7	5905.2	6183.1
-2.5°	1159.2	1404.6	1668.3	1853.8	1909.9	2108.7	3759.2	5128.4	5555.0	5896.4	6175.2
-5°	1150.5	1395.3	1657.3	1845.3	1907.2	2097.7	3658.7	5039.3	5526.1	5869.9	6151.6
-7.5°	1136.0	1379.9	1639.0	1831.3	1902.7	2079.3	3492.0	4891.6	5478.2	5826.1	6112.6
-10°	1115.8	1358.5	1613.6	1811.8	1896.4	2053.8	3260.0	4686.3	5411.6	5765.4	6058.6
-12.5°	1090.0	1331.0	1581.0	1786.8	1888.4	2021.3	2964.4	4425.0	5327.0	5688.3	5990.1
-15°	1058.6	1297.6	1541.4	1756.5	1878.6	1981.8	2606.9	4109.3	5225.0	5595.5	5907.9
-17.5°	1021.7	1258.4	1495.0	1721.0	1867.3	1935.8	2189.6	3729.6	4983.8	5473.0	5791.9
-20°	979.5	1213.6	1442.0	1680.5	1848.7	1903.4	2064.7	3215.5	4531.9	5327.6	5660.4



REPORT NUMBER: P1305984 (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°	932.1	1163.3	1384.3	1619.1	1799.3	1887.6	2001.2	2643.1	4029.8	5166.5	5505.4
-25°	880.7	1105.4	1323.3	1547.4	1744.8	1870.3	1931.4	2100.8	3408.5	4595.2	5316.5
-27.5°	825.6	1042.2	1256.7	1469.2	1685.4	1839.0	1896.0	2019.2	2678.2	3958.7	5008.4
-30°	765.9	973.7	1184.8	1386.5	1599.8	1769.9	1874.1	1931.9	2086.6	3161.5	4283.3
-32.5°	701.9	900.6	1105.4	1302.6	1502.0	1696.2	1837.1	1891.5	1987.3	2278.0	3455.5
-35°	638.9	825.6	1020.1	1213.6	1399.0	1595.0	1753.3	1865.2	1903.3	2021.0	2470.2
-37.5°	580.6	746.2	929.9	1117.9	1297.6	1477.6	1662.5	1791.9	1873.9	1909.2	2032.3
-40°	519.2	662.8	838.0	1015.2	1191.3	1358.5	1531.1	1694.0	1811.4	1876.8	1909.2
-42.5°	455.2	591.9	742.9	908.0	1077.0	1239.6	1395.3	1558.0	1703.6	1811.4	1873.9
-45°	391.5	518.4	647.2	800.9	957.1	1114.4	1263.9	1407.7	1558.0	1694.0	1791.9
-47.5°	325.3	443.1	564.3	690.1	836.0	981.8	1127.0	1263.9	1395.3	1531.1	1662.5
-50°	260.3	368.2	478.7	592.1	713.3	847.8	981.8	1114.4	1239.6	1358.5	1477.6
-52.5°	203.6	291.0	394.2	497.1	601.4	713.3	836.0	957.1	1077.0	1191.3	1297.6
-55°	145.3	224.1	308.2	402.9	497.1	592.1	690.1	800.9	908.0	1015.2	1117.9
-57.5°	106.0	158.9	231.0	308.2	394.2	478.7	564.3	647.2	742.9	838.0	929.9
-60°	77.8	109.2	158.9	224.1	291.0	368.2	443.1	518.4	591.9	662.8	746.2
-62.5°	52.7	77.8	106.0	145.3	203.6	260.3	325.3	391.5	455.2	519.2	580.6
-65°	44.1	51.8	71.6	96.7	121.2	169.7	219.5	267.6	323.7	378.9	431.6
-67.5°	35.3	42.3	49.0	59.2	81.2	102.6	123.2	165.9	207.4	247.1	287.5
-70°	29.6	33.2	38.7	44.6	50.3	59.8	78.1	95.8	112.7	135.1	168.6
-72.5°	24.3	27.5	30.6	33.6	38.3	43.2	47.9	52.4	62.8	76.9	90.4
-75°	20.3	21.8	24.3	26.9	29.5	31.9	34.5	38.3	42.0	45.6	48.9
-77.5°	17.2	18.5	19.8	21.0	22.3	24.4	26.3	28.2	30.0	31.7	33.4
-80°	14.4	15.2	16.2	17.1	18.1	19.0	19.9	20.8	21.6	22.7	24.0
-82.5°	12.1	12.7	13.2	13.8	14.3	14.8	15.4	16.0	16.6	17.2	17.8
-85°	9.4	10.2	10.6	10.9	11.3	11.6	12.0	12.3	12.6	12.9	13.1
-87.5°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
-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°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9	10.0	10.0
85°	13.4	13.6	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.0
82.5°	18.3	18.8	19.3	19.7	20.1	20.4	20.8	21.1	21.3	21.5	21.7
80°	25.2	26.4	27.5	28.5	29.4	30.2	31.0	31.7	32.3	32.8	33.2
77.5°	35.6	38.1	40.4	42.6	44.6	46.4	48.0	49.4	50.7	51.8	52.6
75°	52.1	57.2	66.8	75.7	83.8	91.3	98.0	104.0	109.2	113.6	117.2
72.5°	103.1	115.1	129.4	152.0	172.8	191.8	208.9	224.1	237.4	248.6	257.9
70°	200.3	230.1	258.1	286.5	316.4	343.6	368.2	390.1	409.2	425.4	438.7
67.5°	332.2	374.4	413.9	450.7	485.8	518.4	547.8	574.0	596.8	616.2	632.2
65°	482.7	532.4	579.0	622.3	662.8	708.1	749.0	785.4	817.2	844.2	866.5
62.5°	638.9	701.9	765.9	825.6	880.7	932.1	979.5	1021.7	1058.6	1090.0	1115.8
60°	825.6	900.6	973.7	1042.2	1105.4	1163.3	1213.6	1258.4	1297.6	1331.0	1358.5
57.5°	1020.1	1105.4	1184.8	1256.7	1323.3	1384.3	1442.0	1495.0	1541.4	1581.0	1613.6
55°	1213.6	1302.6	1386.5	1469.2	1547.4	1619.1	1680.5	1721.0	1756.5	1786.8	1811.8
52.5°	1399.0	1502.0	1599.8	1685.4	1744.8	1799.3	1848.7	1867.3	1878.6	1888.4	1896.4
50°	1595.0	1696.2	1769.9	1839.0	1870.3	1887.6	1903.4	1935.8	1981.8	2021.3	2053.8
47.5°	1753.3	1837.1	1874.1	1896.0	1931.4	2001.2	2064.7	2189.6	2606.9	2964.4	3260.0
45°	1865.2	1891.5	1931.9	2019.2	2100.8	2643.1	3215.5	3729.6	4109.3	4425.0	4686.3
42.5°	1903.3	1987.3	2086.6	2678.2	3408.5	4029.8	4531.9	4983.8	5225.0	5327.0	5411.6
40°	2021.0	2278.0	3161.5	3958.7	4595.2	5166.5	5327.6	5473.0	5595.5	5688.3	5765.4
37.5°	2470.2	3455.5	4283.3	5008.4	5316.5	5505.4	5660.4	5791.9	5907.9	5990.1	6058.6
35°	3554.2	4447.5	5188.5	5418.7	5624.2	5793.9	5942.1	6058.0	6161.0	6196.6	6211.6
32.5°	4447.5	5213.7	5470.4	5690.8	5884.9	6037.1	6174.5	6206.5	6229.0	6237.8	6235.8
30°	5188.5	5470.4	5713.2	5926.3	6095.3	6197.4	6227.1	6237.1	6234.2	6223.2	6191.2
27.5°	5418.7	5690.8	5926.3	6114.9	6205.6	6238.9	6235.0	6221.2	6173.9	6132.4	6271.1
25°	5624.2	5884.9	6095.3	6205.6	6238.4	6233.9	6196.5	6139.8	6306.6	6487.3	7769.0
22.5°	5793.9	6037.1	6197.4	6238.9	6233.9	6188.2	6171.3	6415.3	7737.3	9956.3	13922.8
20°	5942.1	6174.5	6227.1	6235.0	6196.5	6171.3	6452.1	8606.2	12117.7	20390.8	28414.1
17.5°	6058.0	6206.5	6237.1	6221.2	6139.8	6415.3	8606.2	13699.0	23744.1	37054.1	49993.2
15°	6161.0	6229.0	6234.2	6173.9	6306.6	7737.3	12117.7	23744.1	40017.6	60264.9	84913.9
12.5°	6196.6	6237.8	6223.2	6132.4	6487.3	9956.3	20390.8	37054.1	60264.9	90900.6	128415.0
10°	6211.6	6235.8	6191.2	6271.1	7769.0	13922.8	28414.1	49993.2	84913.9	128415.0	175377.1
7.5°	6223.5	6234.3	6165.7	6382.6	9151.6	19137.8	37896.4	67648.8	110486.1	163168.3	225503.5
5°	6232.1	6233.1	6147.2	6464.1	10165.0	22982.5	44941.2	81309.0	132230.0	195151.1	267846.0
2.5°	6237.3	6232.4	6136.0	6513.6	10784.0	25341.2	49288.2	89807.4	145920.5	216999.1	295454.7
0°	6239.0	6232.2	6132.2	6530.3	10992.3	26136.5	50758.6	92694.9	150603.9	224771.7	305136.1
-2.5°	6237.3	6232.4	6136.0	6513.6	10784.0	25341.2	49288.2	89807.4	145920.5	216999.1	295454.7
-5°	6232.1	6233.1	6147.2	6464.1	10165.0	22982.5	44941.2	81309.0	132230.0	195151.1	267846.0
-7.5°	6223.5	6234.3	6165.7	6382.6	9151.6	19137.8	37896.4	67648.8	110486.1	163168.3	225503.5
-10°	6211.6	6235.8	6191.2	6271.1	7769.0	13922.8	28414.1	49993.2	84913.9	128415.0	175377.1
-12.5°	6196.6	6237.8	6223.2	6132.4	6487.3	9956.3	20390.8	37054.1	60264.9	90900.6	128415.0
-15°	6161.0	6229.0	6234.2	6173.9	6306.6	7737.3	12117.7	23744.1	40017.6	60264.9	84913.9
-17.5°	6058.0	6206.5	6237.1	6221.2	6139.8	6415.3	8606.2	13699.0	23744.1	37054.1	49993.2
-20°	5942.1	6174.5	6227.1	6235.0	6196.5	6171.3	6452.1	8606.2	12117.7	20390.8	28414.1



REPORT NUMBER: P1305984 (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°	5793.9	6037.1	6197.4	6238.9	6233.9	6188.2	6171.3	6415.3	7737.3	9956.3	13922.8
-25°	5624.2	5884.9	6095.3	6205.6	6238.4	6233.9	6196.5	6139.8	6306.6	6487.3	7769.0
-27.5°	5418.7	5690.8	5926.3	6114.9	6205.6	6238.9	6235.0	6221.2	6173.9	6132.4	6271.1
-30°	5188.5	5470.4	5713.2	5926.3	6095.3	6197.4	6227.1	6237.1	6234.2	6223.2	6191.2
-32.5°	4447.5	5213.7	5470.4	5690.8	5884.9	6037.1	6174.5	6206.5	6229.0	6237.8	6235.8
-35°	3554.2	4447.5	5188.5	5418.7	5624.2	5793.9	5942.1	6058.0	6161.0	6196.6	6211.6
-37.5°	2470.2	3455.5	4283.3	5008.4	5316.5	5505.4	5660.4	5791.9	5907.9	5990.1	6058.6
-40°	2021.0	2278.0	3161.5	3958.7	4595.2	5166.5	5327.6	5473.0	5595.5	5688.3	5765.4
-42.5°	1903.3	1987.3	2086.6	2678.2	3408.5	4029.8	4531.9	4983.8	5225.0	5327.0	5411.6
-45°	1865.2	1891.5	1931.9	2019.2	2100.8	2643.1	3215.5	3729.6	4109.3	4425.0	4686.3
-47.5°	1753.3	1837.1	1874.1	1896.0	1931.4	2001.2	2064.7	2189.6	2606.9	2964.4	3260.0
-50°	1595.0	1696.2	1769.9	1839.0	1870.3	1887.6	1903.4	1935.8	1981.8	2021.3	2053.8
-52.5°	1399.0	1502.0	1599.8	1685.4	1744.8	1799.3	1848.7	1867.3	1878.6	1888.4	1896.4
-55°	1213.6	1302.6	1386.5	1469.2	1547.4	1619.1	1680.5	1721.0	1756.5	1786.8	1811.8
-57.5°	1020.1	1105.4	1184.8	1256.7	1323.3	1384.3	1442.0	1495.0	1541.4	1581.0	1613.6
-60°	825.6	900.6	973.7	1042.2	1105.4	1163.3	1213.6	1258.4	1297.6	1331.0	1358.5
-62.5°	638.9	701.9	765.9	825.6	880.7	932.1	979.5	1021.7	1058.6	1090.0	1115.8
-65°	482.7	532.4	579.0	622.3	662.8	708.1	749.0	785.4	817.2	844.2	866.5
-67.5°	332.2	374.4	413.9	450.7	485.8	518.4	547.8	574.0	596.8	616.2	632.2
-70°	200.3	230.1	258.1	286.5	316.4	343.6	368.2	390.1	409.2	425.4	438.7
-72.5°	103.1	115.1	129.4	152.0	172.8	191.8	208.9	224.1	237.4	248.6	257.9
-75°	52.1	57.2	66.8	75.7	83.8	91.3	98.0	104.0	109.2	113.6	117.2
-77.5°	35.6	38.1	40.4	42.6	44.6	46.4	48.0	49.4	50.7	51.8	52.6
-80°	25.2	26.4	27.5	28.5	29.4	30.2	31.0	31.7	32.3	32.8	33.2
-82.5°	18.3	18.8	19.3	19.7	20.1	20.4	20.8	21.1	21.3	21.5	21.7
-85°	13.4	13.6	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.0
-87.5°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9	10.0	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305984 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-2S-HEG-A

**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°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.7
85°	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.0	15.0	14.9	14.7
82.5°	21.8	21.9	22.0	22.0	22.0	21.9	21.8	21.7	21.5	21.3	21.1
80°	33.5	33.7	33.9	33.9	33.9	33.7	33.5	33.2	32.8	32.3	31.7
77.5°	53.3	53.8	54.1	54.2	54.1	53.8	53.3	52.6	51.8	50.7	49.4
75°	120.0	122.1	123.3	123.7	123.3	122.1	120.0	117.2	113.6	109.2	104.0
72.5°	265.1	270.3	273.4	274.4	273.4	270.3	265.1	257.9	248.6	237.4	224.1
70°	449.1	456.5	461.0	462.5	461.0	456.5	449.1	438.7	425.4	409.2	390.1
67.5°	644.6	653.5	658.9	660.7	658.9	653.5	644.6	632.2	616.2	596.8	574.0
65°	883.9	896.3	903.8	906.3	903.8	896.3	883.9	866.5	844.2	817.2	785.4
62.5°	1136.0	1150.5	1159.2	1162.1	1159.2	1150.5	1136.0	1115.8	1090.0	1058.6	1021.7
60°	1379.9	1395.3	1404.6	1407.7	1404.6	1395.3	1379.9	1358.5	1331.0	1297.6	1258.4
57.5°	1639.0	1657.3	1668.3	1672.0	1668.3	1657.3	1639.0	1613.6	1581.0	1541.4	1495.0
55°	1831.3	1845.3	1853.8	1856.6	1853.8	1845.3	1831.3	1811.8	1786.8	1756.5	1721.0
52.5°	1902.7	1907.2	1909.9	1910.8	1909.9	1907.2	1902.7	1896.4	1888.4	1878.6	1867.3
50°	2079.3	2097.7	2108.7	2112.4	2108.7	2097.7	2079.3	2053.8	2021.3	1981.8	1935.8
47.5°	3492.0	3658.7	3759.2	3792.8	3759.2	3658.7	3492.0	3260.0	2964.4	2606.9	2189.6
45°	4891.6	5039.3	5128.4	5158.2	5128.4	5039.3	4891.6	4686.3	4425.0	4109.3	3729.6
42.5°	5478.2	5526.1	5555.0	5564.7	5555.0	5526.1	5478.2	5411.6	5327.0	5225.0	4983.8
40°	5826.1	5869.9	5896.4	5905.2	5896.4	5869.9	5826.1	5765.4	5688.3	5595.5	5473.0
37.5°	6112.6	6151.6	6175.2	6183.1	6175.2	6151.6	6112.6	6058.6	5990.1	5907.9	5791.9
35°	6223.5	6232.1	6237.3	6239.0	6237.3	6232.1	6223.5	6211.6	6196.6	6161.0	6058.0
32.5°	6234.3	6233.1	6232.4	6232.2	6232.4	6233.1	6234.3	6235.8	6237.8	6229.0	6206.5
30°	6165.7	6147.2	6136.0	6132.2	6136.0	6147.2	6165.7	6191.2	6223.2	6234.2	6237.1
27.5°	6382.6	6464.1	6513.6	6530.3	6513.6	6464.1	6382.6	6271.1	6132.4	6173.9	6221.2
25°	9151.6	10165.0	10784.0	10992.3	10784.0	10165.0	9151.6	7769.0	6487.3	6306.6	6139.8
22.5°	19137.8	22982.5	25341.2	26136.5	25341.2	22982.5	19137.8	13922.8	9956.3	7737.3	6415.3
20°	37896.4	44941.2	49288.2	50758.6	49288.2	44941.2	37896.4	28414.1	20390.8	12117.7	8606.2
17.5°	67648.8	81309.0	89807.4	92694.9	89807.4	81309.0	67648.8	49993.2	37054.1	23744.1	13699.0
15°	110486.1	132230.0	145920.5	150603.9	145920.5	132230.0	110486.1	84913.9	60264.9	40017.6	23744.1
12.5°	163168.3	195151.1	216999.1	224771.7	216999.1	195151.1	163168.3	128415.0	90900.6	60264.9	37054.1
10°	225503.5	267846.0	295454.7	305136.1	295454.7	267846.0	225503.5	175377.1	128415.0	84913.9	49993.2
7.5°	286343.5	336613.7	373693.9	387114.0	373693.9	336613.7	286343.5	225503.5	163168.3	110486.1	67648.8
5°	336613.7	401531.8	441336.6	453918.9	441336.6	401531.8	336613.7	267846.0	195151.1	132230.0	81309.0
2.5°	373693.9	441336.6	484364.8	506675.6	484364.8	441336.6	373693.9	295454.7	216999.1	145920.5	89807.4
0°	387114.0	453918.9	506675.6	544545.5	506675.6	453918.9	387114.0	305136.1	224771.7	150603.9	92694.9
-2.5°	373693.9	441336.6	484364.8	506675.6	484364.8	441336.6	373693.9	295454.7	216999.1	145920.5	89807.4
-5°	336613.7	401531.8	441336.6	453918.9	441336.6	401531.8	336613.7	267846.0	195151.1	132230.0	81309.0
-7.5°	286343.5	336613.7	373693.9	387114.0	373693.9	336613.7	286343.5	225503.5	163168.3	110486.1	67648.8
-10°	225503.5	267846.0	295454.7	305136.1	295454.7	267846.0	225503.5	175377.1	128415.0	84913.9	49993.2
-12.5°	163168.3	195151.1	216999.1	224771.7	216999.1	195151.1	163168.3	128415.0	90900.6	60264.9	37054.1
-15°	110486.1	132230.0	145920.5	150603.9	145920.5	132230.0	110486.1	84913.9	60264.9	40017.6	23744.1
-17.5°	67648.8	81309.0	89807.4	92694.9	89807.4	81309.0	67648.8	49993.2	37054.1	23744.1	13699.0
-20°	37896.4	44941.2	49288.2	50758.6	49288.2	44941.2	37896.4	28414.1	20390.8	12117.7	8606.2



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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°	19137.8	22982.5	25341.2	26136.5	25341.2	22982.5	19137.8	13922.8	9956.3	7737.3	6415.3
-25°	9151.6	10165.0	10784.0	10992.3	10784.0	10165.0	9151.6	7769.0	6487.3	6306.6	6139.8
-27.5°	6382.6	6464.1	6513.6	6530.3	6513.6	6464.1	6382.6	6271.1	6132.4	6173.9	6221.2
-30°	6165.7	6147.2	6136.0	6132.2	6136.0	6147.2	6165.7	6191.2	6223.2	6234.2	6237.1
-32.5°	6234.3	6233.1	6232.4	6232.2	6232.4	6233.1	6234.3	6235.8	6237.8	6229.0	6206.5
-35°	6223.5	6232.1	6237.3	6239.0	6237.3	6232.1	6223.5	6211.6	6196.6	6161.0	6058.0
-37.5°	6112.6	6151.6	6175.2	6183.1	6175.2	6151.6	6112.6	6058.6	5990.1	5907.9	5791.9
-40°	5826.1	5869.9	5896.4	5905.2	5896.4	5869.9	5826.1	5765.4	5688.3	5595.5	5473.0
-42.5°	5478.2	5526.1	5555.0	5564.7	5555.0	5526.1	5478.2	5411.6	5327.0	5225.0	4983.8
-45°	4891.6	5039.3	5128.4	5158.2	5128.4	5039.3	4891.6	4686.3	4425.0	4109.3	3729.6
-47.5°	3492.0	3658.7	3759.2	3792.8	3759.2	3658.7	3492.0	3260.0	2964.4	2606.9	2189.6
-50°	2079.3	2097.7	2108.7	2112.4	2108.7	2097.7	2079.3	2053.8	2021.3	1981.8	1935.8
-52.5°	1902.7	1907.2	1909.9	1910.8	1909.9	1907.2	1902.7	1896.4	1888.4	1878.6	1867.3
-55°	1831.3	1845.3	1853.8	1856.6	1853.8	1845.3	1831.3	1811.8	1786.8	1756.5	1721.0
-57.5°	1639.0	1657.3	1668.3	1672.0	1668.3	1657.3	1639.0	1613.6	1581.0	1541.4	1495.0
-60°	1379.9	1395.3	1404.6	1407.7	1404.6	1395.3	1379.9	1358.5	1331.0	1297.6	1258.4
-62.5°	1136.0	1150.5	1159.2	1162.1	1159.2	1150.5	1136.0	1115.8	1090.0	1058.6	1021.7
-65°	883.9	896.3	903.8	906.3	903.8	896.3	883.9	866.5	844.2	817.2	785.4
-67.5°	644.6	653.5	658.9	660.7	658.9	653.5	644.6	632.2	616.2	596.8	574.0
-70°	449.1	456.5	461.0	462.5	461.0	456.5	449.1	438.7	425.4	409.2	390.1
-72.5°	265.1	270.3	273.4	274.4	273.4	270.3	265.1	257.9	248.6	237.4	224.1
-75°	120.0	122.1	123.3	123.7	123.3	122.1	120.0	117.2	113.6	109.2	104.0
-77.5°	53.3	53.8	54.1	54.2	54.1	53.8	53.3	52.6	51.8	50.7	49.4
-80°	33.5	33.7	33.9	33.9	33.9	33.7	33.5	33.2	32.8	32.3	31.7
-82.5°	21.8	21.9	22.0	22.0	22.0	21.9	21.8	21.7	21.5	21.3	21.1
-85°	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.0	15.0	14.9	14.7
-87.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.7
-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°	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.1	7.8	7.5	7.2
85°	14.6	14.4	14.3	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3
82.5°	20.8	20.4	20.1	19.7	19.3	18.8	18.3	17.8	17.2	16.6	16.0
80°	31.0	30.2	29.4	28.5	27.5	26.4	25.2	24.0	22.7	21.6	20.8
77.5°	48.0	46.4	44.6	42.6	40.4	38.1	35.6	33.4	31.7	30.0	28.2
75°	98.0	91.3	83.8	75.7	66.8	57.2	52.1	48.9	45.6	42.0	38.3
72.5°	208.9	191.8	172.8	152.0	129.4	115.1	103.1	90.4	76.9	62.8	52.4
70°	368.2	343.6	316.4	286.5	258.1	230.1	200.3	168.6	135.1	112.7	95.8
67.5°	547.8	518.4	485.8	450.7	413.9	374.4	332.2	287.5	247.1	207.4	165.9
65°	749.0	708.1	662.8	622.3	579.0	532.4	482.7	431.6	378.9	323.7	267.6
62.5°	979.5	932.1	880.7	825.6	765.9	701.9	638.9	580.6	519.2	455.2	391.5
60°	1213.6	1163.3	1105.4	1042.2	973.7	900.6	825.6	746.2	662.8	591.9	518.4
57.5°	1442.0	1384.3	1323.3	1256.7	1184.8	1105.4	1020.1	929.9	838.0	742.9	647.2
55°	1680.5	1619.1	1547.4	1469.2	1386.5	1302.6	1213.6	1117.9	1015.2	908.0	800.9
52.5°	1848.7	1799.3	1744.8	1685.4	1599.8	1502.0	1399.0	1297.6	1191.3	1077.0	957.1
50°	1903.4	1887.6	1870.3	1839.0	1769.9	1696.2	1595.0	1477.6	1358.5	1239.6	1114.4
47.5°	2064.7	2001.2	1931.4	1896.0	1874.1	1837.1	1753.3	1662.5	1531.1	1395.3	1263.9
45°	3215.5	2643.1	2100.8	2019.2	1931.9	1891.5	1865.2	1791.9	1694.0	1558.0	1407.7
42.5°	4531.9	4029.8	3408.5	2678.2	2086.6	1987.3	1903.3	1873.9	1811.4	1703.6	1558.0
40°	5327.6	5166.5	4595.2	3958.7	3161.5	2278.0	2021.0	1909.2	1876.8	1811.4	1694.0
37.5°	5660.4	5505.4	5316.5	5008.4	4283.3	3455.5	2470.2	2032.3	1909.2	1873.9	1791.9
35°	5942.1	5793.9	5624.2	5418.7	5188.5	4447.5	3554.2	2470.2	2021.0	1903.3	1865.2
32.5°	6174.5	6037.1	5884.9	5690.8	5470.4	5213.7	4447.5	3455.5	2278.0	1987.3	1891.5
30°	6227.1	6197.4	6095.3	5926.3	5713.2	5470.4	5188.5	4283.3	3161.5	2086.6	1931.9
27.5°	6235.0	6238.9	6205.6	6114.9	5926.3	5690.8	5418.7	5008.4	3958.7	2678.2	2019.2
25°	6196.5	6233.9	6238.4	6205.6	6095.3	5884.9	5624.2	5316.5	4595.2	3408.5	2100.8
22.5°	6171.3	6188.2	6233.9	6238.9	6197.4	6037.1	5793.9	5505.4	5166.5	4029.8	2643.1
20°	6452.1	6171.3	6196.5	6235.0	6227.1	6174.5	5942.1	5660.4	5327.6	4531.9	3215.5
17.5°	8606.2	6415.3	6139.8	6221.2	6237.1	6206.5	6058.0	5791.9	5473.0	4983.8	3729.6
15°	12117.7	7737.3	6306.6	6173.9	6234.2	6229.0	6161.0	5907.9	5595.5	5225.0	4109.3
12.5°	20390.8	9956.3	6487.3	6132.4	6223.2	6237.8	6196.6	5990.1	5688.3	5327.0	4425.0
10°	28414.1	13922.8	7769.0	6271.1	6191.2	6235.8	6211.6	6058.6	5765.4	5411.6	4686.3
7.5°	37896.4	19137.8	9151.6	6382.6	6165.7	6234.3	6223.5	6112.6	5826.1	5478.2	4891.6
5°	44941.2	22982.5	10165.0	6464.1	6147.2	6233.1	6232.1	6151.6	5869.9	5526.1	5039.3
2.5°	49288.2	25341.2	10784.0	6513.6	6136.0	6232.4	6237.3	6175.2	5896.4	5555.0	5128.4
0°	50758.6	26136.5	10992.3	6530.3	6132.2	6232.2	6239.0	6183.1	5905.2	5564.7	5158.2
-2.5°	49288.2	25341.2	10784.0	6513.6	6136.0	6232.4	6237.3	6175.2	5896.4	5555.0	5128.4
-5°	44941.2	22982.5	10165.0	6464.1	6147.2	6233.1	6232.1	6151.6	5869.9	5526.1	5039.3
-7.5°	37896.4	19137.8	9151.6	6382.6	6165.7	6234.3	6223.5	6112.6	5826.1	5478.2	4891.6
-10°	28414.1	13922.8	7769.0	6271.1	6191.2	6235.8	6211.6	6058.6	5765.4	5411.6	4686.3
-12.5°	20390.8	9956.3	6487.3	6132.4	6223.2	6237.8	6196.6	5990.1	5688.3	5327.0	4425.0
-15°	12117.7	7737.3	6306.6	6173.9	6234.2	6229.0	6161.0	5907.9	5595.5	5225.0	4109.3
-17.5°	8606.2	6415.3	6139.8	6221.2	6237.1	6206.5	6058.0	5791.9	5473.0	4983.8	3729.6
-20°	6452.1	6171.3	6196.5	6235.0	6227.1	6174.5	5942.1	5660.4	5327.6	4531.9	3215.5



REPORT NUMBER: P1305984 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	6171.3	6188.2	6233.9	6238.9	6197.4	6037.1	5793.9	5505.4	5166.5	4029.8	2643.1
-25°	6196.5	6233.9	6238.4	6205.6	6095.3	5884.9	5624.2	5316.5	4595.2	3408.5	2100.8
-27.5°	6235.0	6238.9	6205.6	6114.9	5926.3	5690.8	5418.7	5008.4	3958.7	2678.2	2019.2
-30°	6227.1	6197.4	6095.3	5926.3	5713.2	5470.4	5188.5	4283.3	3161.5	2086.6	1931.9
-32.5°	6174.5	6037.1	5884.9	5690.8	5470.4	5213.7	4447.5	3455.5	2278.0	1987.3	1891.5
-35°	5942.1	5793.9	5624.2	5418.7	5188.5	4447.5	3554.2	2470.2	2021.0	1903.3	1865.2
-37.5°	5660.4	5505.4	5316.5	5008.4	4283.3	3455.5	2470.2	2032.3	1909.2	1873.9	1791.9
-40°	5327.6	5166.5	4595.2	3958.7	3161.5	2278.0	2021.0	1909.2	1876.8	1811.4	1694.0
-42.5°	4531.9	4029.8	3408.5	2678.2	2086.6	1987.3	1903.3	1873.9	1811.4	1703.6	1558.0
-45°	3215.5	2643.1	2100.8	2019.2	1931.9	1891.5	1865.2	1791.9	1694.0	1558.0	1407.7
-47.5°	2064.7	2001.2	1931.4	1896.0	1874.1	1837.1	1753.3	1662.5	1531.1	1395.3	1263.9
-50°	1903.4	1887.6	1870.3	1839.0	1769.9	1696.2	1595.0	1477.6	1358.5	1239.6	1114.4
-52.5°	1848.7	1799.3	1744.8	1685.4	1599.8	1502.0	1399.0	1297.6	1191.3	1077.0	957.1
-55°	1680.5	1619.1	1547.4	1469.2	1386.5	1302.6	1213.6	1117.9	1015.2	908.0	800.9
-57.5°	1442.0	1384.3	1323.3	1256.7	1184.8	1105.4	1020.1	929.9	838.0	742.9	647.2
-60°	1213.6	1163.3	1105.4	1042.2	973.7	900.6	825.6	746.2	662.8	591.9	518.4
-62.5°	979.5	932.1	880.7	825.6	765.9	701.9	638.9	580.6	519.2	455.2	391.5
-65°	749.0	708.1	662.8	622.3	579.0	532.4	482.7	431.6	378.9	323.7	267.6
-67.5°	547.8	518.4	485.8	450.7	413.9	374.4	332.2	287.5	247.1	207.4	165.9
-70°	368.2	343.6	316.4	286.5	258.1	230.1	200.3	168.6	135.1	112.7	95.8
-72.5°	208.9	191.8	172.8	152.0	129.4	115.1	103.1	90.4	76.9	62.8	52.4
-75°	98.0	91.3	83.8	75.7	66.8	57.2	52.1	48.9	45.6	42.0	38.3
-77.5°	48.0	46.4	44.6	42.6	40.4	38.1	35.6	33.4	31.7	30.0	28.2
-80°	31.0	30.2	29.4	28.5	27.5	26.4	25.2	24.0	22.7	21.6	20.8
-82.5°	20.8	20.4	20.1	19.7	19.3	18.8	18.3	17.8	17.2	16.6	16.0
-85°	14.6	14.4	14.3	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3
-87.5°	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.1	7.8	7.5	7.2
-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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 CATALOG NUMBER: EPH-08-680N-57-80-2S-HEG-A

**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°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	3.1
85°	12.0	11.6	11.3	10.9	10.6	10.2	9.4	8.6	7.8	7.0	6.1
82.5°	15.4	14.8	14.3	13.8	13.2	12.7	12.1	11.5	10.9	10.3	9.2
80°	19.9	19.0	18.1	17.1	16.2	15.2	14.4	13.6	12.8	12.0	11.2
77.5°	26.3	24.4	22.3	21.0	19.8	18.5	17.2	15.9	14.7	13.7	12.7
75°	34.5	31.9	29.5	26.9	24.3	21.8	20.3	18.7	17.1	15.4	14.1
72.5°	47.9	43.2	38.3	33.6	30.6	27.5	24.3	21.5	19.6	17.7	15.7
70°	78.1	59.8	50.3	44.6	38.7	33.2	29.6	25.9	22.1	19.9	17.7
67.5°	123.2	102.6	81.2	59.2	49.0	42.3	35.3	30.6	26.4	22.1	19.6
65°	219.5	169.7	121.2	96.7	71.6	51.8	44.1	36.2	30.6	25.9	21.5
62.5°	325.3	260.3	203.6	145.3	106.0	77.8	52.7	44.1	35.3	29.6	24.3
60°	443.1	368.2	291.0	224.1	158.9	109.2	77.8	51.8	42.3	33.2	27.5
57.5°	564.3	478.7	394.2	308.2	231.0	158.9	106.0	71.6	49.0	38.7	30.6
55°	690.1	592.1	497.1	402.9	308.2	224.1	145.3	96.7	59.2	44.6	33.6
52.5°	836.0	713.3	601.4	497.1	394.2	291.0	203.6	121.2	81.2	50.3	38.3
50°	981.8	847.8	713.3	592.1	478.7	368.2	260.3	169.7	102.6	59.8	43.2
47.5°	1127.0	981.8	836.0	690.1	564.3	443.1	325.3	219.5	123.2	78.1	47.9
45°	1263.9	1114.4	957.1	800.9	647.2	518.4	391.5	267.6	165.9	95.8	52.4
42.5°	1395.3	1239.6	1077.0	908.0	742.9	591.9	455.2	323.7	207.4	112.7	62.8
40°	1531.1	1358.5	1191.3	1015.2	838.0	662.8	519.2	378.9	247.1	135.1	76.9
37.5°	1662.5	1477.6	1297.6	1117.9	929.9	746.2	580.6	431.6	287.5	168.6	90.4
35°	1753.3	1595.0	1399.0	1213.6	1020.1	825.6	638.9	482.7	332.2	200.3	103.1
32.5°	1837.1	1696.2	1502.0	1302.6	1105.4	900.6	701.9	532.4	374.4	230.1	115.1
30°	1874.1	1769.9	1599.8	1386.5	1184.8	973.7	765.9	579.0	413.9	258.1	129.4
27.5°	1896.0	1839.0	1685.4	1469.2	1256.7	1042.2	825.6	622.3	450.7	286.5	152.0
25°	1931.4	1870.3	1744.8	1547.4	1323.3	1105.4	880.7	662.8	485.8	316.4	172.8
22.5°	2001.2	1887.6	1799.3	1619.1	1384.3	1163.3	932.1	708.1	518.4	343.6	191.8
20°	2064.7	1903.4	1848.7	1680.5	1442.0	1213.6	979.5	749.0	547.8	368.2	208.9
17.5°	2189.6	1935.8	1867.3	1721.0	1495.0	1258.4	1021.7	785.4	574.0	390.1	224.1
15°	2606.9	1981.8	1878.6	1756.5	1541.4	1297.6	1058.6	817.2	596.8	409.2	237.4
12.5°	2964.4	2021.3	1888.4	1786.8	1581.0	1331.0	1090.0	844.2	616.2	425.4	248.6
10°	3260.0	2053.8	1896.4	1811.8	1613.6	1358.5	1115.8	866.5	632.2	438.7	257.9
7.5°	3492.0	2079.3	1902.7	1831.3	1639.0	1379.9	1136.0	883.9	644.6	449.1	265.1
5°	3658.7	2097.7	1907.2	1845.3	1657.3	1395.3	1150.5	896.3	653.5	456.5	270.3
2.5°	3759.2	2108.7	1909.9	1853.8	1668.3	1404.6	1159.2	903.8	658.9	461.0	273.4
0°	<b>3792.8</b>	<b>2112.4</b>	<b>1910.8</b>	<b>1856.6</b>	<b>1672.0</b>	<b>1407.7</b>	<b>1162.1</b>	<b>906.3</b>	<b>660.7</b>	<b>462.5</b>	<b>274.4</b>
-2.5°	3759.2	2108.7	1909.9	1853.8	1668.3	1404.6	1159.2	903.8	658.9	461.0	273.4
-5°	3658.7	2097.7	1907.2	1845.3	1657.3	1395.3	1150.5	896.3	653.5	456.5	270.3
-7.5°	3492.0	2079.3	1902.7	1831.3	1639.0	1379.9	1136.0	883.9	644.6	449.1	265.1
-10°	3260.0	2053.8	1896.4	1811.8	1613.6	1358.5	1115.8	866.5	632.2	438.7	257.9
-12.5°	2964.4	2021.3	1888.4	1786.8	1581.0	1331.0	1090.0	844.2	616.2	425.4	248.6
-15°	2606.9	1981.8	1878.6	1756.5	1541.4	1297.6	1058.6	817.2	596.8	409.2	237.4
-17.5°	2189.6	1935.8	1867.3	1721.0	1495.0	1258.4	1021.7	785.4	574.0	390.1	224.1
-20°	2064.7	1903.4	1848.7	1680.5	1442.0	1213.6	979.5	749.0	547.8	368.2	208.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2001.2	1887.6	1799.3	1619.1	1384.3	1163.3	932.1	708.1	518.4	343.6	191.8
-25°	1931.4	1870.3	1744.8	1547.4	1323.3	1105.4	880.7	662.8	485.8	316.4	172.8
-27.5°	1896.0	1839.0	1685.4	1469.2	1256.7	1042.2	825.6	622.3	450.7	286.5	152.0
-30°	1874.1	1769.9	1599.8	1386.5	1184.8	973.7	765.9	579.0	413.9	258.1	129.4
-32.5°	1837.1	1696.2	1502.0	1302.6	1105.4	900.6	701.9	532.4	374.4	230.1	115.1
-35°	1753.3	1595.0	1399.0	1213.6	1020.1	825.6	638.9	482.7	332.2	200.3	103.1
-37.5°	1662.5	1477.6	1297.6	1117.9	929.9	746.2	580.6	431.6	287.5	168.6	90.4
-40°	1531.1	1358.5	1191.3	1015.2	838.0	662.8	519.2	378.9	247.1	135.1	76.9
-42.5°	1395.3	1239.6	1077.0	908.0	742.9	591.9	455.2	323.7	207.4	112.7	62.8
-45°	1263.9	1114.4	957.1	800.9	647.2	518.4	391.5	267.6	165.9	95.8	52.4
-47.5°	1127.0	981.8	836.0	690.1	564.3	443.1	325.3	219.5	123.2	78.1	47.9
-50°	981.8	847.8	713.3	592.1	478.7	368.2	260.3	169.7	102.6	59.8	43.2
-52.5°	836.0	713.3	601.4	497.1	394.2	291.0	203.6	121.2	81.2	50.3	38.3
-55°	690.1	592.1	497.1	402.9	308.2	224.1	145.3	96.7	59.2	44.6	33.6
-57.5°	564.3	478.7	394.2	308.2	231.0	158.9	106.0	71.6	49.0	38.7	30.6
-60°	443.1	368.2	291.0	224.1	158.9	109.2	77.8	51.8	42.3	33.2	27.5
-62.5°	325.3	260.3	203.6	145.3	106.0	77.8	52.7	44.1	35.3	29.6	24.3
-65°	219.5	169.7	121.2	96.7	71.6	51.8	44.1	36.2	30.6	25.9	21.5
-67.5°	123.2	102.6	81.2	59.2	49.0	42.3	35.3	30.6	26.4	22.1	19.6
-70°	78.1	59.8	50.3	44.6	38.7	33.2	29.6	25.9	22.1	19.9	17.7
-72.5°	47.9	43.2	38.3	33.6	30.6	27.5	24.3	21.5	19.6	17.7	15.7
-75°	34.5	31.9	29.5	26.9	24.3	21.8	20.3	18.7	17.1	15.4	14.1
-77.5°	26.3	24.4	22.3	21.0	19.8	18.5	17.2	15.9	14.7	13.7	12.7
-80°	19.9	19.0	18.1	17.1	16.2	15.2	14.4	13.6	12.8	12.0	11.2
-82.5°	15.4	14.8	14.3	13.8	13.2	12.7	12.1	11.5	10.9	10.3	9.2
-85°	12.0	11.6	11.3	10.9	10.6	10.2	9.4	8.6	7.8	7.0	6.1
-87.5°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	3.1
-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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
80°	10.4	8.8	7.0	5.3	3.5	1.8	0.0
77.5°	11.6	10.6	8.8	6.6	4.4	2.2	0.0
75°	12.9	11.6	10.4	7.9	5.3	2.6	0.0
72.5°	14.1	12.7	11.2	9.2	6.1	3.1	0.0
70°	15.4	13.7	12.0	10.3	7.0	3.5	0.0
67.5°	17.1	14.7	12.8	10.9	7.8	3.9	0.0
65°	18.7	15.9	13.6	11.5	8.6	4.3	0.0
62.5°	20.3	17.2	14.4	12.1	9.4	4.7	0.0
60°	21.8	18.5	15.2	12.7	10.2	5.1	0.0
57.5°	24.3	19.8	16.2	13.2	10.6	5.5	0.0
55°	26.9	21.0	17.1	13.8	10.9	5.8	0.0
52.5°	29.5	22.3	18.1	14.3	11.3	6.2	0.0
50°	31.9	24.4	19.0	14.8	11.6	6.6	0.0
47.5°	34.5	26.3	19.9	15.4	12.0	6.9	0.0
45°	38.3	28.2	20.8	16.0	12.3	7.2	0.0
42.5°	42.0	30.0	21.6	16.6	12.6	7.5	0.0
40°	45.6	31.7	22.7	17.2	12.9	7.8	0.0
37.5°	48.9	33.4	24.0	17.8	13.1	8.1	0.0
35°	52.1	35.6	25.2	18.3	13.4	8.4	0.0
32.5°	57.2	38.1	26.4	18.8	13.6	8.6	0.0
30°	66.8	40.4	27.5	19.3	13.9	8.8	0.0
27.5°	75.7	42.6	28.5	19.7	14.1	9.0	0.0
25°	83.8	44.6	29.4	20.1	14.3	9.2	0.0
22.5°	91.3	46.4	30.2	20.4	14.4	9.4	0.0
20°	98.0	48.0	31.0	20.8	14.6	9.6	0.0
17.5°	104.0	49.4	31.7	21.1	14.7	9.7	0.0
15°	109.2	50.7	32.3	21.3	14.9	9.9	0.0
12.5°	113.6	51.8	32.8	21.5	15.0	10.0	0.0
10°	117.2	52.6	33.2	21.7	15.0	10.0	0.0
7.5°	120.0	53.3	33.5	21.8	15.1	10.1	0.0
5°	122.1	53.8	33.7	21.9	15.2	10.2	0.0
2.5°	123.3	54.1	33.9	22.0	15.2	10.2	0.0
0°	123.7	54.2	33.9	22.0	15.2	10.2	0.0
-2.5°	123.3	54.1	33.9	22.0	15.2	10.2	0.0
-5°	122.1	53.8	33.7	21.9	15.2	10.2	0.0
-7.5°	120.0	53.3	33.5	21.8	15.1	10.1	0.0
-10°	117.2	52.6	33.2	21.7	15.0	10.0	0.0
-12.5°	113.6	51.8	32.8	21.5	15.0	10.0	0.0
-15°	109.2	50.7	32.3	21.3	14.9	9.9	0.0
-17.5°	104.0	49.4	31.7	21.1	14.7	9.7	0.0
-20°	98.0	48.0	31.0	20.8	14.6	9.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.3	46.4	30.2	20.4	14.4	9.4	0.0
-25°	83.8	44.6	29.4	20.1	14.3	9.2	0.0
-27.5°	75.7	42.6	28.5	19.7	14.1	9.0	0.0
-30°	66.8	40.4	27.5	19.3	13.9	8.8	0.0
-32.5°	57.2	38.1	26.4	18.8	13.6	8.6	0.0
-35°	52.1	35.6	25.2	18.3	13.4	8.4	0.0
-37.5°	48.9	33.4	24.0	17.8	13.1	8.1	0.0
-40°	45.6	31.7	22.7	17.2	12.9	7.8	0.0
-42.5°	42.0	30.0	21.6	16.6	12.6	7.5	0.0
-45°	38.3	28.2	20.8	16.0	12.3	7.2	0.0
-47.5°	34.5	26.3	19.9	15.4	12.0	6.9	0.0
-50°	31.9	24.4	19.0	14.8	11.6	6.6	0.0
-52.5°	29.5	22.3	18.1	14.3	11.3	6.2	0.0
-55°	26.9	21.0	17.1	13.8	10.9	5.8	0.0
-57.5°	24.3	19.8	16.2	13.2	10.6	5.5	0.0
-60°	21.8	18.5	15.2	12.7	10.2	5.1	0.0
-62.5°	20.3	17.2	14.4	12.1	9.4	4.7	0.0
-65°	18.7	15.9	13.6	11.5	8.6	4.3	0.0
-67.5°	17.1	14.7	12.8	10.9	7.8	3.9	0.0
-70°	15.4	13.7	12.0	10.3	7.0	3.5	0.0
-72.5°	14.1	12.7	11.2	9.2	6.1	3.1	0.0
-75°	12.9	11.6	10.4	7.9	5.3	2.6	0.0
-77.5°	11.6	10.6	8.8	6.6	4.4	2.2	0.0
-80°	10.4	8.8	7.0	5.3	3.5	1.8	0.0
-82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)