

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: P1305944 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-4S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305944 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-70-4S-HEG-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

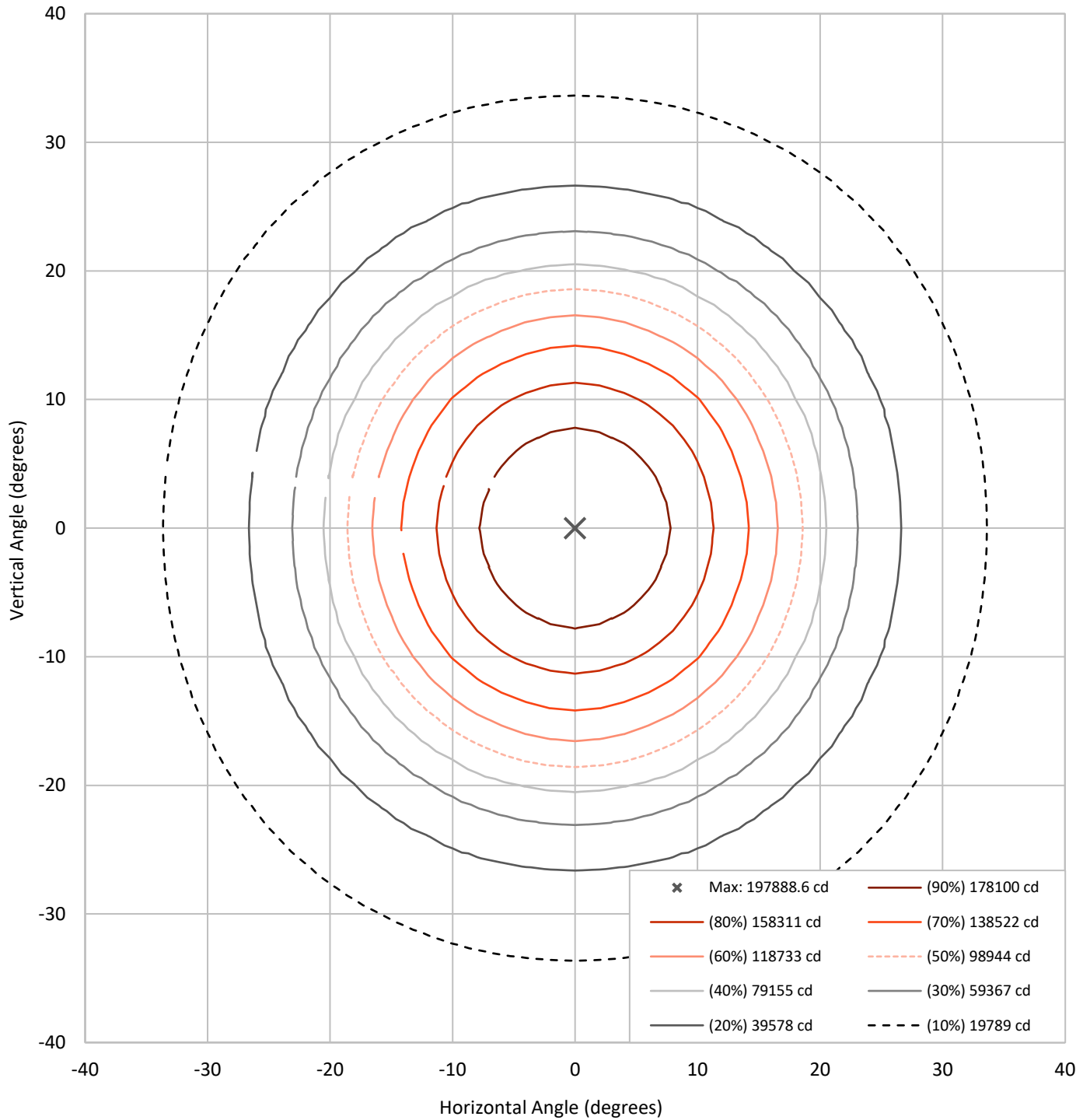
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	91386.8 lumens	Max Intensity:	197888.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	165.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	37.2°H x 37.2°V	Field Angle (10%):	67.2°H x 67.2°V
Beam Lumens:	47575.2 lumens	Field Lumens:	79918.3 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%

Input Watts (W): 554  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Iso-Candela Plot





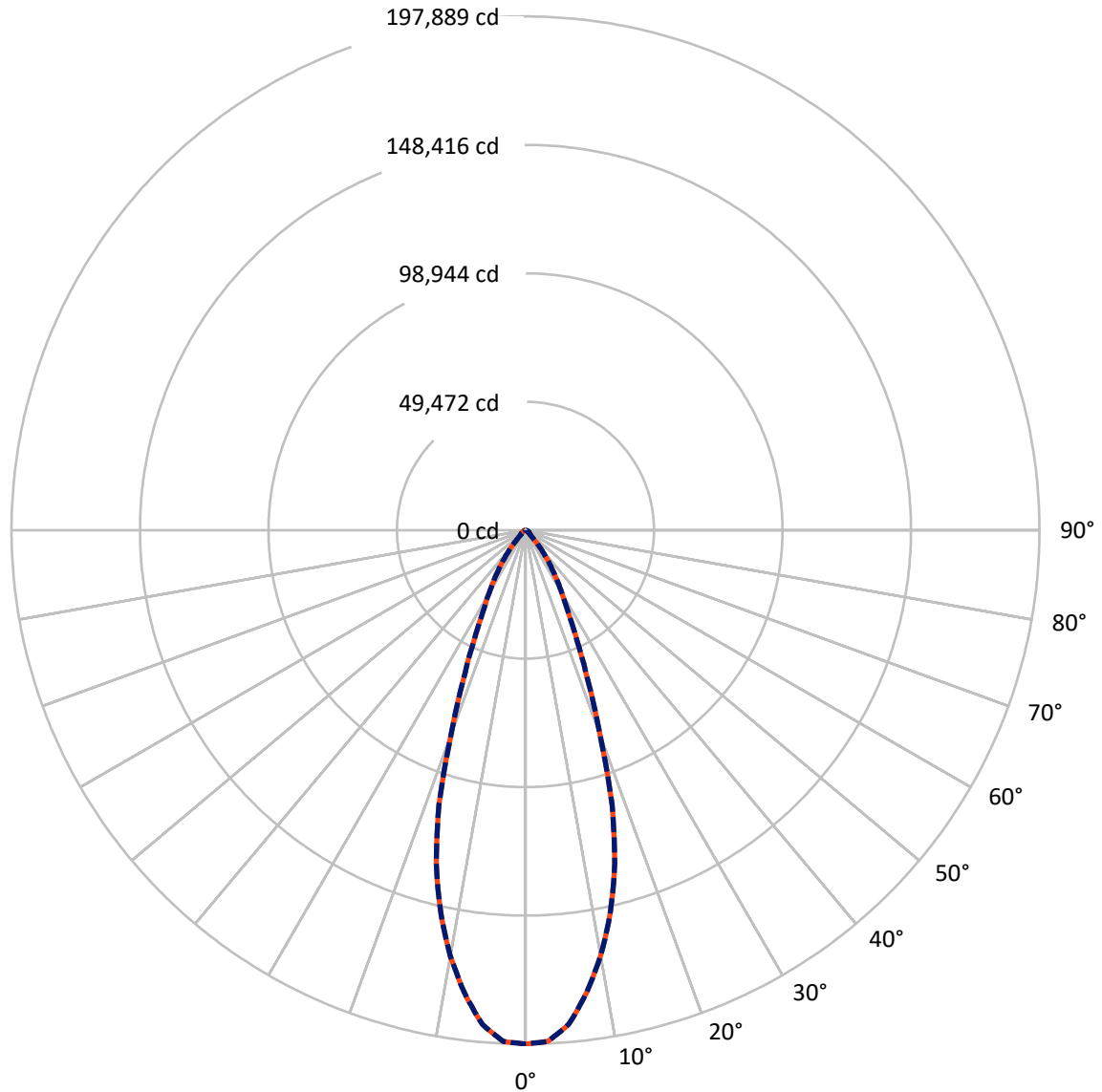
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### Lumen Table

90	0.1	0.7	2.7	6.5	8.5	6.5	2.7	0.7	0.1							
80	0.1	0.7	2.7	6.5	8.5	6.5	2.7	0.7	0.1							
70	0.3	0.4	1.6	4.6	9.5	15.4	20.6	23.6	23.6	20.6	15.4	9.5	4.6	1.6	0.4	0.3
60		1.2	5.4	14.7	27.0	38.0	46.0	50.5	50.5	46.0	38.0	27.0	14.7	5.4	1.2	
50	0.9	2.8	12.0	27.4	42.6	59.1	84.9	112.0	112.0	84.9	59.1	42.6	27.4	12.0	2.8	0.9
40		5.1	19.1	36.8	63.9	171.9	363.8	504.6	504.6	363.8	171.9	63.9	36.8	19.1	5.1	
30	1.9	7.5	24.2	46.3	156.5	489.1	956.4	1422.2	1422.2	956.4	489.1	156.5	46.3	24.2	7.5	1.9
20		9.4	27.6	62.9	311.6	900.5	2230.2	3661.0	3661.0	2230.2	900.5	311.6	62.9	27.6	9.4	
10	2.3	10.4	29.3	81.0	419.3	1302.2	3557.5	5358.7	5358.7	3557.5	1302.2	419.3	81.0	29.3	10.4	2.3
0		10.4	29.3	81.0	419.3	1302.2	3557.5	5358.7	5358.7	3557.5	1302.2	419.3	81.0	29.3	10.4	
-10	1.9	9.4	27.6	62.9	311.6	900.5	2230.2	3661.0	3661.0	2230.2	900.5	311.6	62.9	27.6	9.4	1.9
-20		7.5	24.2	46.3	156.5	489.1	956.4	1422.2	1422.2	956.4	489.1	156.5	46.3	24.2	7.5	
-30	0.9	5.1	19.1	36.8	63.9	171.9	363.8	504.6	504.6	363.8	171.9	63.9	36.8	19.1	5.1	0.9
-40		2.8	12.0	27.4	42.6	59.1	84.9	112.0	112.0	84.9	59.1	42.6	27.4	12.0	2.8	
-50	0.3	1.2	5.4	14.7	27.0	38.0	46.0	50.5	50.5	46.0	38.0	27.0	14.7	5.4	1.2	0.3
-60		0.4	1.6	4.6	9.5	15.4	20.6	23.6	23.6	20.6	15.4	9.5	4.6	1.6	0.4	
-70	0.1	0.7	2.7	6.5	8.5	6.5	2.7	0.7	0.1							
-80		0.1	0.7	2.7	6.5	8.5	6.5	2.7	0.7	0.1						
-90	0.1	0.7	2.7	6.5	8.5	6.5	2.7	0.7	0.1							

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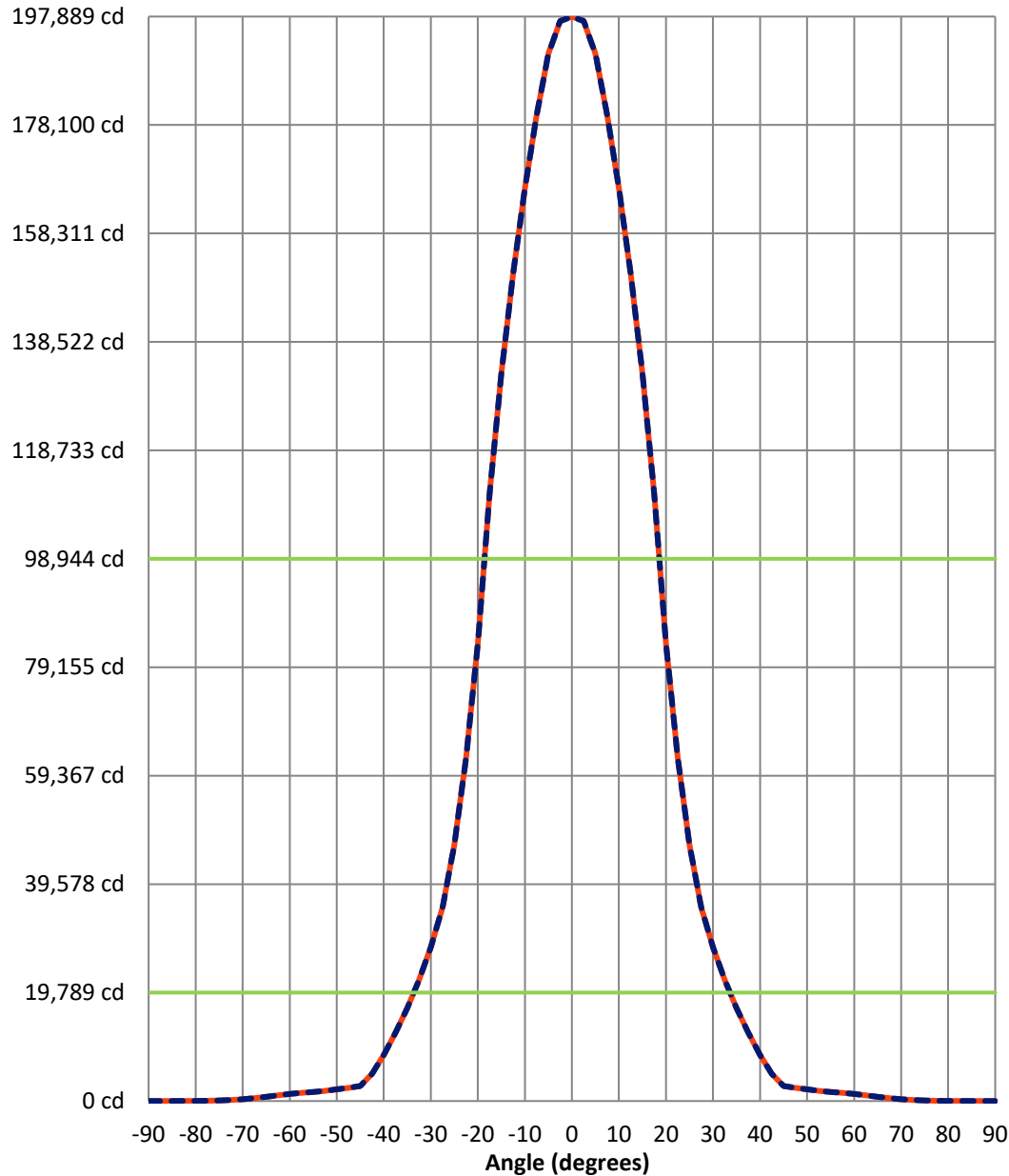
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 37.2°  
 V Angle: 37.2°  
 Lumens: 47575.2  
 Efficiency: 52.1%

**Field:**  
 H Angle: 67.2°  
 V Angle: 67.2°  
 Lumens: 79918.3  
 Efficiency: 87.5%

**Spill:**  
 Lumens: 11468.5  
 Efficiency: 12.5%

— 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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
80°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.2	7.0	7.7
77.5°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.8	7.7	8.7	9.9
75°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.1	9.3	11.2	13.0
72.5°	0.0	1.4	2.8	4.1	5.5	6.8	8.1	9.7	11.8	14.0	16.1
70°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	11.8	14.3	16.8	19.2
67.5°	0.0	1.8	3.5	5.3	7.0	8.7	11.2	14.0	16.8	19.5	22.2
65°	0.0	1.9	3.9	5.8	7.7	9.9	13.0	16.1	19.2	22.2	27.1
62.5°	0.0	2.1	4.2	6.3	8.4	11.3	14.8	18.2	21.5	26.0	36.5
60°	0.0	2.3	4.6	6.8	9.1	12.8	16.5	20.2	23.8	34.4	45.8
57.5°	0.0	2.5	4.9	7.3	10.2	14.2	18.2	22.2	30.1	42.5	63.5
55°	0.0	2.6	5.3	7.8	11.3	15.6	19.9	24.1	37.1	53.0	85.0
52.5°	0.0	2.8	5.6	8.3	12.3	16.9	21.5	29.6	44.0	71.7	105.8
50°	0.0	3.0	5.9	8.8	13.4	18.2	23.0	35.5	53.4	90.0	133.1
47.5°	0.0	3.1	6.2	9.3	14.4	19.5	25.0	41.1	69.1	107.6	160.3
45°	0.0	3.3	6.5	10.0	15.3	20.7	29.6	46.5	84.2	131.0	186.5
42.5°	0.0	3.4	6.7	10.7	16.3	21.8	34.1	56.0	98.6	153.6	226.8
40°	0.0	3.5	7.0	11.3	17.1	22.9	38.3	68.1	114.2	175.3	268.0
37.5°	0.0	3.6	7.2	12.0	18.0	24.0	42.3	79.6	132.5	199.9	307.2
35°	0.0	3.8	7.5	12.6	18.8	26.4	46.2	90.4	149.8	233.2	350.5
32.5°	0.0	3.9	7.7	13.1	19.5	29.4	51.3	100.7	166.1	264.6	400.9
30°	0.0	4.0	7.9	13.6	20.2	32.1	59.4	111.1	181.3	294.0	448.1
27.5°	0.0	4.1	8.1	14.1	20.8	34.7	67.0	123.4	199.2	321.3	492.0
25°	0.0	4.2	8.3	14.6	21.4	37.1	74.0	134.8	221.4	353.7	532.9
22.5°	0.0	4.2	8.4	15.0	22.0	39.3	80.4	145.2	241.7	386.7	577.6
20°	0.0	4.3	8.6	15.3	22.4	41.2	86.1	154.5	260.0	416.5	617.9
17.5°	0.0	4.4	8.7	15.6	22.9	43.0	91.2	162.8	276.3	443.0	653.7
15°	0.0	4.4	8.8	15.9	23.3	44.5	95.6	170.0	290.4	466.1	685.0
12.5°	0.0	4.5	8.9	16.2	23.6	45.8	99.4	176.1	302.5	485.8	711.7
10°	0.0	4.5	9.0	16.4	23.8	46.8	102.5	181.2	312.4	502.0	733.6
7.5°	0.0	4.6	9.0	16.5	24.0	47.6	104.9	185.1	320.1	514.6	750.7
5°	0.0	4.6	9.1	16.6	24.2	48.2	106.6	187.9	325.7	523.6	763.0
2.5°	0.0	4.6	9.1	16.7	24.3	48.6	107.7	189.6	329.0	529.1	770.3
0°	0.0	4.6	9.1	16.7	24.3	48.6	107.7	189.6	329.0	529.1	770.3
-2.5°	0.0	4.6	9.1	16.7	24.3	48.6	107.7	189.6	329.0	529.1	770.3
-5°	0.0	4.6	9.1	16.6	24.2	48.2	106.6	187.9	325.7	523.6	763.0
-7.5°	0.0	4.6	9.0	16.5	24.0	47.6	104.9	185.1	320.1	514.6	750.7
-10°	0.0	4.5	9.0	16.4	23.8	46.8	102.5	181.2	312.4	502.0	733.6
-12.5°	0.0	4.5	8.9	16.2	23.6	45.8	99.4	176.1	302.5	485.8	711.7
-15°	0.0	4.4	8.8	15.9	23.3	44.5	95.6	170.0	290.4	466.1	685.0
-17.5°	0.0	4.4	8.7	15.6	22.9	43.0	91.2	162.8	276.3	443.0	653.7
-20°	0.0	4.3	8.6	15.3	22.4	41.2	86.1	154.5	260.0	416.5	617.9



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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	4.2	8.4	15.0	22.0	39.3	80.4	145.2	241.7	386.7	577.6
-25°	0.0	4.2	8.3	14.6	21.4	37.1	74.0	134.8	221.4	353.7	532.9
-27.5°	0.0	4.1	8.1	14.1	20.8	34.7	67.0	123.4	199.2	321.3	492.0
-30°	0.0	4.0	7.9	13.6	20.2	32.1	59.4	111.1	181.3	294.0	448.1
-32.5°	0.0	3.9	7.7	13.1	19.5	29.4	51.3	100.7	166.1	264.6	400.9
-35°	0.0	3.8	7.5	12.6	18.8	26.4	46.2	90.4	149.8	233.2	350.5
-37.5°	0.0	3.6	7.2	12.0	18.0	24.0	42.3	79.6	132.5	199.9	307.2
-40°	0.0	3.5	7.0	11.3	17.1	22.9	38.3	68.1	114.2	175.3	268.0
-42.5°	0.0	3.4	6.7	10.7	16.3	21.8	34.1	56.0	98.6	153.6	226.8
-45°	0.0	3.3	6.5	10.0	15.3	20.7	29.6	46.5	84.2	131.0	186.5
-47.5°	0.0	3.1	6.2	9.3	14.4	19.5	25.0	41.1	69.1	107.6	160.3
-50°	0.0	3.0	5.9	8.8	13.4	18.2	23.0	35.5	53.4	90.0	133.1
-52.5°	0.0	2.8	5.6	8.3	12.3	16.9	21.5	29.6	44.0	71.7	105.8
-55°	0.0	2.6	5.3	7.8	11.3	15.6	19.9	24.1	37.1	53.0	85.0
-57.5°	0.0	2.5	4.9	7.3	10.2	14.2	18.2	22.2	30.1	42.5	63.5
-60°	0.0	2.3	4.6	6.8	9.1	12.8	16.5	20.2	23.8	34.4	45.8
-62.5°	0.0	2.1	4.2	6.3	8.4	11.3	14.8	18.2	21.5	26.0	36.5
-65°	0.0	1.9	3.9	5.8	7.7	9.9	13.0	16.1	19.2	22.2	27.1
-67.5°	0.0	1.8	3.5	5.3	7.0	8.7	11.2	14.0	16.8	19.5	22.2
-70°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	11.8	14.3	16.8	19.2
-72.5°	0.0	1.4	2.8	4.1	5.5	6.8	8.1	9.7	11.8	14.0	16.1
-75°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.1	9.3	11.2	13.0
-77.5°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	6.8	7.7	8.7	9.9
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.2	7.0	7.7
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-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°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.5	3.6
85°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.7	7.0	7.2
82.5°	6.3	6.8	7.3	7.8	8.3	8.8	9.3	10.0	10.7	11.3	12.0
80°	8.4	9.1	10.2	11.3	12.3	13.4	14.4	15.3	16.3	17.1	18.0
77.5°	11.3	12.8	14.2	15.6	16.9	18.2	19.5	20.7	21.8	22.9	24.0
75°	14.8	16.5	18.2	19.9	21.5	23.0	25.0	29.6	34.1	38.3	42.3
72.5°	18.2	20.2	22.2	24.1	29.6	35.5	41.1	46.5	56.0	68.1	79.6
70°	21.5	23.8	30.1	37.1	44.0	53.4	69.1	84.2	98.6	114.2	132.5
67.5°	26.0	34.4	42.5	53.0	71.7	90.0	107.6	131.0	153.6	175.3	199.9
65°	36.5	45.8	63.5	85.0	105.8	133.1	160.3	186.5	226.8	268.0	307.2
62.5°	46.9	68.8	92.9	119.8	151.6	182.5	228.1	277.3	324.7	387.5	449.7
60°	68.8	95.6	127.2	162.8	202.6	260.0	315.7	386.7	461.2	532.9	615.1
57.5°	92.9	127.2	166.5	215.4	279.3	346.5	433.2	517.2	611.9	705.6	797.7
55°	119.8	162.8	215.4	285.8	365.2	461.4	559.9	669.0	774.6	887.5	995.6
52.5°	151.6	202.6	279.3	365.2	470.8	582.7	703.6	826.3	952.5	1072.8	1184.8
50°	182.5	260.0	346.5	461.4	582.7	715.2	852.3	991.9	1123.7	1248.8	1353.0
47.5°	228.1	315.7	433.2	559.9	703.6	852.3	1005.1	1149.3	1287.7	1393.0	1491.4
45°	277.3	386.7	517.2	669.0	826.3	991.9	1149.3	1300.7	1413.2	1516.8	1598.3
42.5°	324.7	461.2	611.9	774.6	952.5	1123.7	1287.7	1413.2	1524.8	1614.5	1717.1
40°	387.5	532.9	705.6	887.5	1072.8	1248.8	1393.0	1516.8	1614.5	1728.1	1850.0
37.5°	449.7	615.1	797.7	995.6	1184.8	1353.0	1491.4	1598.3	1717.1	1850.0	2029.3
35°	508.8	693.3	892.6	1096.3	1291.6	1440.9	1566.2	1684.4	1827.7	2013.1	2198.2
32.5°	571.5	767.2	982.4	1190.1	1371.3	1518.7	1635.8	1783.4	1965.1	2168.8	2349.0
30°	634.5	843.8	1066.0	1278.4	1444.4	1580.0	1718.0	1886.0	2106.7	2304.0	2527.4
27.5°	693.3	915.8	1141.7	1346.7	1509.7	1637.4	1800.3	2010.6	2230.1	2443.5	2714.8
25°	747.6	982.4	1211.8	1405.2	1559.0	1703.6	1885.4	2126.9	2341.8	2608.0	3614.6
22.5°	799.9	1043.4	1276.1	1458.9	1604.4	1768.8	1984.9	2224.7	2461.9	2798.4	4641.6
20°	849.9	1096.3	1326.4	1505.5	1645.5	1828.2	2075.5	2312.3	2591.6	3674.7	5933.5
17.5°	894.3	1143.5	1366.0	1539.3	1692.2	1891.6	2155.3	2390.9	2708.4	4465.2	7265.5
15°	933.1	1184.8	1400.8	1568.8	1735.0	1957.3	2219.2	2482.4	3116.5	5276.4	8452.8
12.5°	966.2	1219.9	1430.4	1594.0	1771.6	2013.5	2273.9	2564.0	3671.3	6216.0	9656.4
10°	993.4	1248.8	1454.8	1614.8	1801.8	2059.9	2319.1	2631.5	4131.5	6996.7	10658.7
7.5°	1014.6	1271.5	1473.8	1631.1	1825.4	2096.3	2354.6	2684.6	4493.4	7611.7	11449.7
5°	1029.9	1287.7	1487.5	1642.7	1842.4	2122.5	2380.1	2722.8	4754.1	8055.2	12021.1
2.5°	1039.0	1297.4	1495.8	1649.8	1852.6	2138.2	2395.5	2745.8	4911.4	8323.1	12366.5
0°	1042.1	1300.7	1498.5	1652.1	1856.0	2143.5	2400.6	2753.5	4964.0	8412.7	12482.1
-2.5°	1039.0	1297.4	1495.8	1649.8	1852.6	2138.2	2395.5	2745.8	4911.4	8323.1	12366.5
-5°	1029.9	1287.7	1487.5	1642.7	1842.4	2122.5	2380.1	2722.8	4754.1	8055.2	12021.1
-7.5°	1014.6	1271.5	1473.8	1631.1	1825.4	2096.3	2354.6	2684.6	4493.4	7611.7	11449.7
-10°	993.4	1248.8	1454.8	1614.8	1801.8	2059.9	2319.1	2631.5	4131.5	6996.7	10658.7
-12.5°	966.2	1219.9	1430.4	1594.0	1771.6	2013.5	2273.9	2564.0	3671.3	6216.0	9656.4
-15°	933.1	1184.8	1400.8	1568.8	1735.0	1957.3	2219.2	2482.4	3116.5	5276.4	8452.8
-17.5°	894.3	1143.5	1366.0	1539.3	1692.2	1891.6	2155.3	2390.9	2708.4	4465.2	7265.5
-20°	849.9	1096.3	1326.4	1505.5	1645.5	1828.2	2075.5	2312.3	2591.6	3674.7	5933.5



REPORT NUMBER: P1305944 (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°	799.9	1043.4	1276.1	1458.9	1604.4	1768.8	1984.9	2224.7	2461.9	2798.4	4641.6
-25°	747.6	982.4	1211.8	1405.2	1559.0	1703.6	1885.4	2126.9	2341.8	2608.0	3614.6
-27.5°	693.3	915.8	1141.7	1346.7	1509.7	1637.4	1800.3	2010.6	2230.1	2443.5	2714.8
-30°	634.5	843.8	1066.0	1278.4	1444.4	1580.0	1718.0	1886.0	2106.7	2304.0	2527.4
-32.5°	571.5	767.2	982.4	1190.1	1371.3	1518.7	1635.8	1783.4	1965.1	2168.8	2349.0
-35°	508.8	693.3	892.6	1096.3	1291.6	1440.9	1566.2	1684.4	1827.7	2013.1	2198.2
-37.5°	449.7	615.1	797.7	995.6	1184.8	1353.0	1491.4	1598.3	1717.1	1850.0	2029.3
-40°	387.5	532.9	705.6	887.5	1072.8	1248.8	1393.0	1516.8	1614.5	1728.1	1850.0
-42.5°	324.7	461.2	611.9	774.6	952.5	1123.7	1287.7	1413.2	1524.8	1614.5	1717.1
-45°	277.3	386.7	517.2	669.0	826.3	991.9	1149.3	1300.7	1413.2	1516.8	1598.3
-47.5°	228.1	315.7	433.2	559.9	703.6	852.3	1005.1	1149.3	1287.7	1393.0	1491.4
-50°	182.5	260.0	346.5	461.4	582.7	715.2	852.3	991.9	1123.7	1248.8	1353.0
-52.5°	151.6	202.6	279.3	365.2	470.8	582.7	703.6	826.3	952.5	1072.8	1184.8
-55°	119.8	162.8	215.4	285.8	365.2	461.4	559.9	669.0	774.6	887.5	995.6
-57.5°	92.9	127.2	166.5	215.4	279.3	346.5	433.2	517.2	611.9	705.6	797.7
-60°	68.8	95.6	127.2	162.8	202.6	260.0	315.7	386.7	461.2	532.9	615.1
-62.5°	46.9	68.8	92.9	119.8	151.6	182.5	228.1	277.3	324.7	387.5	449.7
-65°	36.5	45.8	63.5	85.0	105.8	133.1	160.3	186.5	226.8	268.0	307.2
-67.5°	26.0	34.4	42.5	53.0	71.7	90.0	107.6	131.0	153.6	175.3	199.9
-70°	21.5	23.8	30.1	37.1	44.0	53.4	69.1	84.2	98.6	114.2	132.5
-72.5°	18.2	20.2	22.2	24.1	29.6	35.5	41.1	46.5	56.0	68.1	79.6
-75°	14.8	16.5	18.2	19.9	21.5	23.0	25.0	29.6	34.1	38.3	42.3
-77.5°	11.3	12.8	14.2	15.6	16.9	18.2	19.5	20.7	21.8	22.9	24.0
-80°	8.4	9.1	10.2	11.3	12.3	13.4	14.4	15.3	16.3	17.1	18.0
-82.5°	6.3	6.8	7.3	7.8	8.3	8.8	9.3	10.0	10.7	11.3	12.0
-85°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.7	7.0	7.2
-87.5°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.5	3.6
-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):**

	-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°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5
85°	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0
82.5°	12.6	13.1	13.6	14.1	14.6	15.0	15.3	15.6	15.9	16.2	16.4
80°	18.8	19.5	20.2	20.8	21.4	22.0	22.4	22.9	23.3	23.6	23.8
77.5°	26.4	29.4	32.1	34.7	37.1	39.3	41.2	43.0	44.5	45.8	46.8
75°	46.2	51.3	59.4	67.0	74.0	80.4	86.1	91.2	95.6	99.4	102.5
72.5°	90.4	100.7	111.1	123.4	134.8	145.2	154.5	162.8	170.0	176.1	181.2
70°	149.8	166.1	181.3	199.2	221.4	241.7	260.0	276.3	290.4	302.5	312.4
67.5°	233.2	264.6	294.0	321.3	353.7	386.7	416.5	443.0	466.1	485.8	502.0
65°	350.5	400.9	448.1	492.0	532.9	577.6	617.9	653.7	685.0	711.7	733.6
62.5°	508.8	571.5	634.5	693.3	747.6	799.9	849.9	894.3	933.1	966.2	993.4
60°	693.3	767.2	843.8	915.8	982.4	1043.4	1096.3	1143.5	1184.8	1219.9	1248.8
57.5°	892.6	982.4	1066.0	1141.7	1211.8	1276.1	1326.4	1366.0	1400.8	1430.4	1454.8
55°	1096.3	1190.1	1278.4	1346.7	1405.2	1458.9	1505.5	1539.3	1568.8	1594.0	1614.8
52.5°	1291.6	1371.3	1444.4	1509.7	1559.0	1604.4	1645.5	1692.2	1735.0	1771.6	1801.8
50°	1440.9	1518.7	1580.0	1637.4	1703.6	1768.8	1828.2	1891.6	1957.3	2013.5	2059.9
47.5°	1566.2	1635.8	1718.0	1800.3	1885.4	1984.9	2075.5	2155.3	2219.2	2273.9	2319.1
45°	1684.4	1783.4	1886.0	2010.6	2126.9	2224.7	2312.3	2390.9	2482.4	2564.0	2631.5
42.5°	1827.7	1965.1	2106.7	2230.1	2341.8	2461.9	2591.6	2708.4	3116.5	3671.3	4131.5
40°	2013.1	2168.8	2304.0	2443.5	2608.0	2798.4	3674.7	4465.2	5276.4	6216.0	6996.7
37.5°	2198.2	2349.0	2527.4	2714.8	3614.6	4641.6	5933.5	7265.5	8452.8	9656.4	10658.7
35°	2364.1	2569.8	2918.5	4169.8	5566.3	7285.3	8952.4	10649.5	12159.1	13566.3	14768.6
32.5°	2569.8	3055.5	4451.0	6241.2	8207.4	10344.3	12355.9	14361.1	16162.7	17839.6	19341.8
30°	2918.5	4451.0	6468.2	8722.3	11196.3	13629.3	16011.3	18368.6	20606.2	22634.5	24544.3
27.5°	4169.8	6241.2	8722.3	11483.3	14283.1	17033.4	19965.1	22752.5	25577.4	28055.2	30605.5
25°	5566.3	8207.4	11196.3	14283.1	17424.9	20778.8	24225.8	27612.1	31255.8	34559.2	38516.8
22.5°	7285.3	10344.3	13629.3	17033.4	20778.8	24724.0	28782.0	33242.4	38435.7	44116.5	49845.3
20°	8952.4	12355.9	16011.3	19965.1	24225.8	28782.0	33916.2	40660.0	47950.3	56635.8	64596.7
17.5°	10649.5	14361.1	18368.6	22752.5	27612.1	33242.4	40660.0	49610.4	60156.2	71913.8	82871.8
15°	12159.1	16162.7	20606.2	25577.4	31255.8	38435.7	47950.3	60156.2	74423.6	89695.3	105707.2
12.5°	13566.3	17839.6	22634.5	28055.2	34559.2	44116.5	56635.8	71913.8	89695.3	109596.1	124321.2
10°	14768.6	19341.8	24544.3	30605.5	38516.8	49845.3	64596.7	82871.8	105707.2	124321.2	139492.3
7.5°	15719.6	20533.2	26064.2	32645.6	42056.3	55320.3	72627.1	94491.9	117515.3	136166.7	151083.0
5°	16407.7	21397.3	27169.6	34134.4	44650.7	59356.6	78593.3	103365.5	125769.4	144290.0	159349.5
2.5°	16824.3	21921.2	27841.0	35041.0	46235.6	61832.8	82274.8	108886.0	130966.4	149274.7	164644.6
0°	16963.8	22096.7	28066.2	35345.5	46768.8	62667.8	83520.0	110761.7	132744.2	150927.4	166516.7
-2.5°	16824.3	21921.2	27841.0	35041.0	46235.6	61832.8	82274.8	108886.0	130966.4	149274.7	164644.6
-5°	16407.7	21397.3	27169.6	34134.4	44650.7	59356.6	78593.3	103365.5	125769.4	144290.0	159349.5
-7.5°	15719.6	20533.2	26064.2	32645.6	42056.3	55320.3	72627.1	94491.9	117515.3	136166.7	151083.0
-10°	14768.6	19341.8	24544.3	30605.5	38516.8	49845.3	64596.7	82871.8	105707.2	124321.2	139492.3
-12.5°	13566.3	17839.6	22634.5	28055.2	34559.2	44116.5	56635.8	71913.8	89695.3	109596.1	124321.2
-15°	12159.1	16162.7	20606.2	25577.4	31255.8	38435.7	47950.3	60156.2	74423.6	89695.3	105707.2
-17.5°	10649.5	14361.1	18368.6	22752.5	27612.1	33242.4	40660.0	49610.4	60156.2	71913.8	82871.8
-20°	8952.4	12355.9	16011.3	19965.1	24225.8	28782.0	33916.2	40660.0	47950.3	56635.8	64596.7



REPORT NUMBER: P1305944 (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°	7285.3	10344.3	13629.3	17033.4	20778.8	24724.0	28782.0	33242.4	38435.7	44116.5	49845.3
-25°	5566.3	8207.4	11196.3	14283.1	17424.9	20778.8	24225.8	27612.1	31255.8	34559.2	38516.8
-27.5°	4169.8	6241.2	8722.3	11483.3	14283.1	17033.4	19965.1	22752.5	25577.4	28055.2	30605.5
-30°	2918.5	4451.0	6468.2	8722.3	11196.3	13629.3	16011.3	18368.6	20606.2	22634.5	24544.3
-32.5°	2569.8	3055.5	4451.0	6241.2	8207.4	10344.3	12355.9	14361.1	16162.7	17839.6	19341.8
-35°	2364.1	2569.8	2918.5	4169.8	5566.3	7285.3	8952.4	10649.5	12159.1	13566.3	14768.6
-37.5°	2198.2	2349.0	2527.4	2714.8	3614.6	4641.6	5933.5	7265.5	8452.8	9656.4	10658.7
-40°	2013.1	2168.8	2304.0	2443.5	2608.0	2798.4	3674.7	4465.2	5276.4	6216.0	6996.7
-42.5°	1827.7	1965.1	2106.7	2230.1	2341.8	2461.9	2591.6	2708.4	3116.5	3671.3	4131.5
-45°	1684.4	1783.4	1886.0	2010.6	2126.9	2224.7	2312.3	2390.9	2482.4	2564.0	2631.5
-47.5°	1566.2	1635.8	1718.0	1800.3	1885.4	1984.9	2075.5	2155.3	2219.2	2273.9	2319.1
-50°	1440.9	1518.7	1580.0	1637.4	1703.6	1768.8	1828.2	1891.6	1957.3	2013.5	2059.9
-52.5°	1291.6	1371.3	1444.4	1509.7	1559.0	1604.4	1645.5	1692.2	1735.0	1771.6	1801.8
-55°	1096.3	1190.1	1278.4	1346.7	1405.2	1458.9	1505.5	1539.3	1568.8	1594.0	1614.8
-57.5°	892.6	982.4	1066.0	1141.7	1211.8	1276.1	1326.4	1366.0	1400.8	1430.4	1454.8
-60°	693.3	767.2	843.8	915.8	982.4	1043.4	1096.3	1143.5	1184.8	1219.9	1248.8
-62.5°	508.8	571.5	634.5	693.3	747.6	799.9	849.9	894.3	933.1	966.2	993.4
-65°	350.5	400.9	448.1	492.0	532.9	577.6	617.9	653.7	685.0	711.7	733.6
-67.5°	233.2	264.6	294.0	321.3	353.7	386.7	416.5	443.0	466.1	485.8	502.0
-70°	149.8	166.1	181.3	199.2	221.4	241.7	260.0	276.3	290.4	302.5	312.4
-72.5°	90.4	100.7	111.1	123.4	134.8	145.2	154.5	162.8	170.0	176.1	181.2
-75°	46.2	51.3	59.4	67.0	74.0	80.4	86.1	91.2	95.6	99.4	102.5
-77.5°	26.4	29.4	32.1	34.7	37.1	39.3	41.2	43.0	44.5	45.8	46.8
-80°	18.8	19.5	20.2	20.8	21.4	22.0	22.4	22.9	23.3	23.6	23.8
-82.5°	12.6	13.1	13.6	14.1	14.6	15.0	15.3	15.6	15.9	16.2	16.4
-85°	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0
-87.5°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	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



REPORT NUMBER: P1305944 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-70-4S-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
85°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.6
80°	24.0	24.2	24.3	24.3	24.3	24.2	24.0	23.8	23.6	23.3	22.9
77.5°	47.6	48.2	48.6	48.7	48.6	48.2	47.6	46.8	45.8	44.5	43.0
75°	104.9	106.6	107.7	108.0	107.7	106.6	104.9	102.5	99.4	95.6	91.2
72.5°	185.1	187.9	189.6	190.2	189.6	187.9	185.1	181.2	176.1	170.0	162.8
70°	320.1	325.7	329.0	330.1	329.0	325.7	320.1	312.4	302.5	290.4	276.3
67.5°	514.6	523.6	529.1	530.9	529.1	523.6	514.6	502.0	485.8	466.1	443.0
65°	750.7	763.0	770.3	772.8	770.3	763.0	750.7	733.6	711.7	685.0	653.7
62.5°	1014.6	1029.9	1039.0	1042.1	1039.0	1029.9	1014.6	993.4	966.2	933.1	894.3
60°	1271.5	1287.7	1297.4	1300.7	1297.4	1287.7	1271.5	1248.8	1219.9	1184.8	1143.5
57.5°	1473.8	1487.5	1495.8	1498.5	1495.8	1487.5	1473.8	1454.8	1430.4	1400.8	1366.0
55°	1631.1	1642.7	1649.8	1652.1	1649.8	1642.7	1631.1	1614.8	1594.0	1568.8	1539.3
52.5°	1825.4	1842.4	1852.6	1856.0	1852.6	1842.4	1825.4	1801.8	1771.6	1735.0	1692.2
50°	2096.3	2122.5	2138.2	2143.5	2138.2	2122.5	2096.3	2059.9	2013.5	1957.3	1891.6
47.5°	2354.6	2380.1	2395.5	2400.6	2395.5	2380.1	2354.6	2319.1	2273.9	2219.2	2155.3
45°	2684.6	2722.8	2745.8	2753.5	2745.8	2722.8	2684.6	2631.5	2564.0	2482.4	2390.9
42.5°	4493.4	4754.1	4911.4	4964.0	4911.4	4754.1	4493.4	4131.5	3671.3	3116.5	2708.4
40°	7611.7	8055.2	8323.1	8412.7	8323.1	8055.2	7611.7	6996.7	6216.0	5276.4	4465.2
37.5°	11449.7	12021.1	12366.5	12482.1	12366.5	12021.1	11449.7	10658.7	9656.4	8452.8	7265.5
35°	15719.6	16407.7	16824.3	16963.8	16824.3	16407.7	15719.6	14768.6	13566.3	12159.1	10649.5
32.5°	20533.2	21397.3	21921.2	22096.7	21921.2	21397.3	20533.2	19341.8	17839.6	16162.7	14361.1
30°	26064.2	27169.6	27841.0	28066.2	27841.0	27169.6	26064.2	24544.3	22634.5	20606.2	18368.6
27.5°	32645.6	34134.4	35041.0	35345.5	35041.0	34134.4	32645.6	30605.5	28055.2	25577.4	22752.5
25°	42056.3	44650.7	46235.6	46768.8	46235.6	44650.7	42056.3	38516.8	34559.2	31255.8	27612.1
22.5°	55320.3	59356.6	61832.8	62667.8	61832.8	59356.6	55320.3	49845.3	44116.5	38435.7	33242.4
20°	72627.1	78593.3	82274.8	83520.0	82274.8	78593.3	72627.1	64596.7	56635.8	47950.3	40660.0
17.5°	94491.9	103365.5	108886.0	110761.7	108886.0	103365.5	94491.9	82871.8	71913.8	60156.2	49610.4
15°	117515.3	125769.4	130966.4	132744.2	130966.4	125769.4	117515.3	105707.2	89695.3	74423.6	60156.2
12.5°	136166.7	144290.0	149274.7	150927.4	149274.7	144290.0	136166.7	124321.2	109596.1	89695.3	71913.8
10°	151083.0	159349.5	164644.6	166516.7	164644.6	159349.5	151083.0	139492.3	124321.2	105707.2	82871.8
7.5°	162882.8	172213.4	177864.6	179875.9	177864.6	172213.4	162882.8	151083.0	136166.7	117515.3	94491.9
5°	172213.4	182036.6	188725.6	191079.4	188725.6	182036.6	172213.4	159349.5	144290.0	125769.4	103365.5
2.5°	177864.6	188725.6	195187.2	197043.6	195187.2	188725.6	177864.6	164644.6	149274.7	130966.4	108886.0
0°	179875.9	191079.4	197043.6	197888.6	197043.6	191079.4	179875.9	166516.7	150927.4	132744.2	110761.7
-2.5°	177864.6	188725.6	195187.2	197043.6	195187.2	188725.6	177864.6	164644.6	149274.7	130966.4	108886.0
-5°	172213.4	182036.6	188725.6	191079.4	188725.6	182036.6	172213.4	159349.5	144290.0	125769.4	103365.5
-7.5°	162882.8	172213.4	177864.6	179875.9	177864.6	172213.4	162882.8	151083.0	136166.7	117515.3	94491.9
-10°	151083.0	159349.5	164644.6	166516.7	164644.6	159349.5	151083.0	139492.3	124321.2	105707.2	82871.8
-12.5°	136166.7	144290.0	149274.7	150927.4	149274.7	144290.0	136166.7	124321.2	109596.1	89695.3	71913.8
-15°	117515.3	125769.4	130966.4	132744.2	130966.4	125769.4	117515.3	105707.2	89695.3	74423.6	60156.2
-17.5°	94491.9	103365.5	108886.0	110761.7	108886.0	103365.5	94491.9	82871.8	71913.8	60156.2	49610.4
-20°	72627.1	78593.3	82274.8	83520.0	82274.8	78593.3	72627.1	64596.7	56635.8	47950.3	40660.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	55320.3	59356.6	61832.8	62667.8	61832.8	59356.6	55320.3	49845.3	44116.5	38435.7	33242.4
-25°	42056.3	44650.7	46235.6	46768.8	46235.6	44650.7	42056.3	38516.8	34559.2	31255.8	27612.1
-27.5°	32645.6	34134.4	35041.0	35345.5	35041.0	34134.4	32645.6	30605.5	28055.2	25577.4	22752.5
-30°	26064.2	27169.6	27841.0	28066.2	27841.0	27169.6	26064.2	24544.3	22634.5	20606.2	18368.6
-32.5°	20533.2	21397.3	21921.2	22096.7	21921.2	21397.3	20533.2	19341.8	17839.6	16162.7	14361.1
-35°	15719.6	16407.7	16824.3	16963.8	16824.3	16407.7	15719.6	14768.6	13566.3	12159.1	10649.5
-37.5°	11449.7	12021.1	12366.5	12482.1	12366.5	12021.1	11449.7	10658.7	9656.4	8452.8	7265.5
-40°	7611.7	8055.2	8323.1	8412.7	8323.1	8055.2	7611.7	6996.7	6216.0	5276.4	4465.2
-42.5°	4493.4	4754.1	4911.4	4964.0	4911.4	4754.1	4493.4	4131.5	3671.3	3116.5	2708.4
-45°	2684.6	2722.8	2745.8	2753.5	2745.8	2722.8	2684.6	2631.5	2564.0	2482.4	2390.9
-47.5°	2354.6	2380.1	2395.5	2400.6	2395.5	2380.1	2354.6	2319.1	2273.9	2219.2	2155.3
-50°	2096.3	2122.5	2138.2	2143.5	2138.2	2122.5	2096.3	2059.9	2013.5	1957.3	1891.6
-52.5°	1825.4	1842.4	1852.6	1856.0	1852.6	1842.4	1825.4	1801.8	1771.6	1735.0	1692.2
-55°	1631.1	1642.7	1649.8	1652.1	1649.8	1642.7	1631.1	1614.8	1594.0	1568.8	1539.3
-57.5°	1473.8	1487.5	1495.8	1498.5	1495.8	1487.5	1473.8	1454.8	1430.4	1400.8	1366.0
-60°	1271.5	1287.7	1297.4	1300.7	1297.4	1287.7	1271.5	1248.8	1219.9	1184.8	1143.5
-62.5°	1014.6	1029.9	1039.0	1042.1	1039.0	1029.9	1014.6	993.4	966.2	933.1	894.3
-65°	750.7	763.0	770.3	772.8	770.3	763.0	750.7	733.6	711.7	685.0	653.7
-67.5°	514.6	523.6	529.1	530.9	529.1	523.6	514.6	502.0	485.8	466.1	443.0
-70°	320.1	325.7	329.0	330.1	329.0	325.7	320.1	312.4	302.5	290.4	276.3
-72.5°	185.1	187.9	189.6	190.2	189.6	187.9	185.1	181.2	176.1	170.0	162.8
-75°	104.9	106.6	107.7	108.0	107.7	106.6	104.9	102.5	99.4	95.6	91.2
-77.5°	47.6	48.2	48.6	48.7	48.6	48.2	47.6	46.8	45.8	44.5	43.0
-80°	24.0	24.2	24.3	24.3	24.3	24.2	24.0	23.8	23.6	23.3	22.9
-82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.6
-85°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
-87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
-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°	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
85°	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.5
82.5°	15.3	15.0	14.6	14.1	13.6	13.1	12.6	12.0	11.3	10.7	10.0
80°	22.4	22.0	21.4	20.8	20.2	19.5	18.8	18.0	17.1	16.3	15.3
77.5°	41.2	39.3	37.1	34.7	32.1	29.4	26.4	24.0	22.9	21.8	20.7
75°	86.1	80.4	74.0	67.0	59.4	51.3	46.2	42.3	38.3	34.1	29.6
72.5°	154.5	145.2	134.8	123.4	111.1	100.7	90.4	79.6	68.1	56.0	46.5
70°	260.0	241.7	221.4	199.2	181.3	166.1	149.8	132.5	114.2	98.6	84.2
67.5°	416.5	386.7	353.7	321.3	294.0	264.6	233.2	199.9	175.3	153.6	131.0
65°	617.9	577.6	532.9	492.0	448.1	400.9	350.5	307.2	268.0	226.8	186.5
62.5°	849.9	799.9	747.6	693.3	634.5	571.5	508.8	449.7	387.5	324.7	277.3
60°	1096.3	1043.4	982.4	915.8	843.8	767.2	693.3	615.1	532.9	461.2	386.7
57.5°	1326.4	1276.1	1211.8	1141.7	1066.0	982.4	892.6	797.7	705.6	611.9	517.2
55°	1505.5	1458.9	1405.2	1346.7	1278.4	1190.1	1096.3	995.6	887.5	774.6	669.0
52.5°	1645.5	1604.4	1559.0	1509.7	1444.4	1371.3	1291.6	1184.8	1072.8	952.5	826.3
50°	1828.2	1768.8	1703.6	1637.4	1580.0	1518.7	1440.9	1353.0	1248.8	1123.7	991.9
47.5°	2075.5	1984.9	1885.4	1800.3	1718.0	1635.8	1566.2	1491.4	1393.0	1287.7	1149.3
45°	2312.3	2224.7	2126.9	2010.6	1886.0	1783.4	1684.4	1598.3	1516.8	1413.2	1300.7
42.5°	2591.6	2461.9	2341.8	2230.1	2106.7	1965.1	1827.7	1717.1	1614.5	1524.8	1413.2
40°	3674.7	2798.4	2608.0	2443.5	2304.0	2168.8	2013.1	1850.0	1728.1	1614.5	1516.8
37.5°	5933.5	4641.6	3614.6	2714.8	2527.4	2349.0	2198.2	2029.3	1850.0	1717.1	1598.3
35°	8952.4	7285.3	5566.3	4169.8	2918.5	2569.8	2364.1	2198.2	2013.1	1827.7	1684.4
32.5°	12355.9	10344.3	8207.4	6241.2	4451.0	3055.5	2569.8	2349.0	2168.8	1965.1	1783.4
30°	16011.3	13629.3	11196.3	8722.3	6468.2	4451.0	2918.5	2527.4	2304.0	2106.7	1886.0
27.5°	19965.1	17033.4	14283.1	11483.3	8722.3	6241.2	4169.8	2714.8	2443.5	2230.1	2010.6
25°	24225.8	20778.8	17424.9	14283.1	11196.3	8207.4	5566.3	3614.6	2608.0	2341.8	2126.9
22.5°	28782.0	24724.0	20778.8	17033.4	13629.3	10344.3	7285.3	4641.6	2798.4	2461.9	2224.7
20°	33916.2	28782.0	24225.8	19965.1	16011.3	12355.9	8952.4	5933.5	3674.7	2591.6	2312.3
17.5°	40660.0	33242.4	27612.1	22752.5	18368.6	14361.1	10649.5	7265.5	4465.2	2708.4	2390.9
15°	47950.3	38435.7	31255.8	25577.4	20606.2	16162.7	12159.1	8452.8	5276.4	3116.5	2482.4
12.5°	56635.8	44116.5	34559.2	28055.2	22634.5	17839.6	13566.3	9656.4	6216.0	3671.3	2564.0
10°	64596.7	49845.3	38516.8	30605.5	24544.3	19341.8	14768.6	10658.7	6996.7	4131.5	2631.5
7.5°	72627.1	55320.3	42056.3	32645.6	26064.2	20533.2	15719.6	11449.7	7611.7	4493.4	2684.6
5°	78593.3	59356.6	44650.7	34134.4	27169.6	21397.3	16407.7	12021.1	8055.2	4754.1	2722.8
2.5°	82274.8	61832.8	46235.6	35041.0	27841.0	21921.2	16824.3	12366.5	8323.1	4911.4	2745.8
0°	83520.0	62667.8	46768.8	35345.5	28066.2	22096.7	16963.8	12482.1	8412.7	4964.0	2753.5
-2.5°	82274.8	61832.8	46235.6	35041.0	27841.0	21921.2	16824.3	12366.5	8323.1	4911.4	2745.8
-5°	78593.3	59356.6	44650.7	34134.4	27169.6	21397.3	16407.7	12021.1	8055.2	4754.1	2722.8
-7.5°	72627.1	55320.3	42056.3	32645.6	26064.2	20533.2	15719.6	11449.7	7611.7	4493.4	2684.6
-10°	64596.7	49845.3	38516.8	30605.5	24544.3	19341.8	14768.6	10658.7	6996.7	4131.5	2631.5
-12.5°	56635.8	44116.5	34559.2	28055.2	22634.5	17839.6	13566.3	9656.4	6216.0	3671.3	2564.0
-15°	47950.3	38435.7	31255.8	25577.4	20606.2	16162.7	12159.1	8452.8	5276.4	3116.5	2482.4
-17.5°	40660.0	33242.4	27612.1	22752.5	18368.6	14361.1	10649.5	7265.5	4465.2	2708.4	2390.9
-20°	33916.2	28782.0	24225.8	19965.1	16011.3	12355.9	8952.4	5933.5	3674.7	2591.6	2312.3



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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°	28782.0	24724.0	20778.8	17033.4	13629.3	10344.3	7285.3	4641.6	2798.4	2461.9	2224.7
-25°	24225.8	20778.8	17424.9	14283.1	11196.3	8207.4	5566.3	3614.6	2608.0	2341.8	2126.9
-27.5°	19965.1	17033.4	14283.1	11483.3	8722.3	6241.2	4169.8	2714.8	2443.5	2230.1	2010.6
-30°	16011.3	13629.3	11196.3	8722.3	6468.2	4451.0	2918.5	2527.4	2304.0	2106.7	1886.0
-32.5°	12355.9	10344.3	8207.4	6241.2	4451.0	3055.5	2569.8	2349.0	2168.8	1965.1	1783.4
-35°	8952.4	7285.3	5566.3	4169.8	2918.5	2569.8	2364.1	2198.2	2013.1	1827.7	1684.4
-37.5°	5933.5	4641.6	3614.6	2714.8	2527.4	2349.0	2198.2	2029.3	1850.0	1717.1	1598.3
-40°	3674.7	2798.4	2608.0	2443.5	2304.0	2168.8	2013.1	1850.0	1728.1	1614.5	1516.8
-42.5°	2591.6	2461.9	2341.8	2230.1	2106.7	1965.1	1827.7	1717.1	1614.5	1524.8	1413.2
-45°	2312.3	2224.7	2126.9	2010.6	1886.0	1783.4	1684.4	1598.3	1516.8	1413.2	1300.7
-47.5°	2075.5	1984.9	1885.4	1800.3	1718.0	1635.8	1566.2	1491.4	1393.0	1287.7	1149.3
-50°	1828.2	1768.8	1703.6	1637.4	1580.0	1518.7	1440.9	1353.0	1248.8	1123.7	991.9
-52.5°	1645.5	1604.4	1559.0	1509.7	1444.4	1371.3	1291.6	1184.8	1072.8	952.5	826.3
-55°	1505.5	1458.9	1405.2	1346.7	1278.4	1190.1	1096.3	995.6	887.5	774.6	669.0
-57.5°	1326.4	1276.1	1211.8	1141.7	1066.0	982.4	892.6	797.7	705.6	611.9	517.2
-60°	1096.3	1043.4	982.4	915.8	843.8	767.2	693.3	615.1	532.9	461.2	386.7
-62.5°	849.9	799.9	747.6	693.3	634.5	571.5	508.8	449.7	387.5	324.7	277.3
-65°	617.9	577.6	532.9	492.0	448.1	400.9	350.5	307.2	268.0	226.8	186.5
-67.5°	416.5	386.7	353.7	321.3	294.0	264.6	233.2	199.9	175.3	153.6	131.0
-70°	260.0	241.7	221.4	199.2	181.3	166.1	149.8	132.5	114.2	98.6	84.2
-72.5°	154.5	145.2	134.8	123.4	111.1	100.7	90.4	79.6	68.1	56.0	46.5
-75°	86.1	80.4	74.0	67.0	59.4	51.3	46.2	42.3	38.3	34.1	29.6
-77.5°	41.2	39.3	37.1	34.7	32.1	29.4	26.4	24.0	22.9	21.8	20.7
-80°	22.4	22.0	21.4	20.8	20.2	19.5	18.8	18.0	17.1	16.3	15.3
-82.5°	15.3	15.0	14.6	14.1	13.6	13.1	12.6	12.0	11.3	10.7	10.0
-85°	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.5
-87.5°	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
-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: P1305944 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4
85°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
82.5°	9.3	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.3	4.7	4.1
80°	14.4	13.4	12.3	11.3	10.2	9.1	8.4	7.7	7.0	6.2	5.5
77.5°	19.5	18.2	16.9	15.6	14.2	12.8	11.3	9.9	8.7	7.7	6.8
75°	25.0	23.0	21.5	19.9	18.2	16.5	14.8	13.0	11.2	9.3	8.1
72.5°	41.1	35.5	29.6	24.1	22.2	20.2	18.2	16.1	14.0	11.8	9.7
70°	69.1	53.4	44.0	37.1	30.1	23.8	21.5	19.2	16.8	14.3	11.8
67.5°	107.6	90.0	71.7	53.0	42.5	34.4	26.0	22.2	19.5	16.8	14.0
65°	160.3	133.1	105.8	85.0	63.5	45.8	36.5	27.1	22.2	19.2	16.1
62.5°	228.1	182.5	151.6	119.8	92.9	68.8	46.9	36.5	26.0	21.5	18.2
60°	315.7	260.0	202.6	162.8	127.2	95.6	68.8	45.8	34.4	23.8	20.2
57.5°	433.2	346.5	279.3	215.4	166.5	127.2	92.9	63.5	42.5	30.1	22.2
55°	559.9	461.4	365.2	285.8	215.4	162.8	119.8	85.0	53.0	37.1	24.1
52.5°	703.6	582.7	470.8	365.2	279.3	202.6	151.6	105.8	71.7	44.0	29.6
50°	852.3	715.2	582.7	461.4	346.5	260.0	182.5	133.1	90.0	53.4	35.5
47.5°	1005.1	852.3	703.6	559.9	433.2	315.7	228.1	160.3	107.6	69.1	41.1
45°	1149.3	991.9	826.3	669.0	517.2	386.7	277.3	186.5	131.0	84.2	46.5
42.5°	1287.7	1123.7	952.5	774.6	611.9	461.2	324.7	226.8	153.6	98.6	56.0
40°	1393.0	1248.8	1072.8	887.5	705.6	532.9	387.5	268.0	175.3	114.2	68.1
37.5°	1491.4	1353.0	1184.8	995.6	797.7	615.1	449.7	307.2	199.9	132.5	79.6
35°	1566.2	1440.9	1291.6	1096.3	892.6	693.3	508.8	350.5	233.2	149.8	90.4
32.5°	1635.8	1518.7	1371.3	1190.1	982.4	767.2	571.5	400.9	264.6	166.1	100.7
30°	1718.0	1580.0	1444.4	1278.4	1066.0	843.8	634.5	448.1	294.0	181.3	111.1
27.5°	1800.3	1637.4	1509.7	1346.7	1141.7	915.8	693.3	492.0	321.3	199.2	123.4
25°	1885.4	1703.6	1559.0	1405.2	1211.8	982.4	747.6	532.9	353.7	221.4	134.8
22.5°	1984.9	1768.8	1604.4	1458.9	1276.1	1043.4	799.9	577.6	386.7	241.7	145.2
20°	2075.5	1828.2	1645.5	1505.5	1326.4	1096.3	849.9	617.9	416.5	260.0	154.5
17.5°	2155.3	1891.6	1692.2	1539.3	1366.0	1143.5	894.3	653.7	443.0	276.3	162.8
15°	2219.2	1957.3	1735.0	1568.8	1400.8	1184.8	933.1	685.0	466.1	290.4	170.0
12.5°	2273.9	2013.5	1771.6	1594.0	1430.4	1219.9	966.2	711.7	485.8	302.5	176.1
10°	2319.1	2059.9	1801.8	1614.8	1454.8	1248.8	993.4	733.6	502.0	312.4	181.2
7.5°	2354.6	2096.3	1825.4	1631.1	1473.8	1271.5	1014.6	750.7	514.6	320.1	185.1
5°	2380.1	2122.5	1842.4	1642.7	1487.5	1287.7	1029.9	763.0	523.6	325.7	187.9
2.5°	2395.5	2138.2	1852.6	1649.8	1495.8	1297.4	1039.0	770.3	529.1	329.0	189.6
0°	2400.6	2143.5	1856.0	1652.1	1498.5	1300.7	1042.1	772.8	530.9	330.1	190.2
-2.5°	2395.5	2138.2	1852.6	1649.8	1495.8	1297.4	1039.0	770.3	529.1	329.0	189.6
-5°	2380.1	2122.5	1842.4	1642.7	1487.5	1287.7	1029.9	763.0	523.6	325.7	187.9
-7.5°	2354.6	2096.3	1825.4	1631.1	1473.8	1271.5	1014.6	750.7	514.6	320.1	185.1
-10°	2319.1	2059.9	1801.8	1614.8	1454.8	1248.8	993.4	733.6	502.0	312.4	181.2
-12.5°	2273.9	2013.5	1771.6	1594.0	1430.4	1219.9	966.2	711.7	485.8	302.5	176.1
-15°	2219.2	1957.3	1735.0	1568.8	1400.8	1184.8	933.1	685.0	466.1	290.4	170.0
-17.5°	2155.3	1891.6	1692.2	1539.3	1366.0	1143.5	894.3	653.7	443.0	276.3	162.8
-20°	2075.5	1828.2	1645.5	1505.5	1326.4	1096.3	849.9	617.9	416.5	260.0	154.5



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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°	1984.9	1768.8	1604.4	1458.9	1276.1	1043.4	799.9	577.6	386.7	241.7	145.2
-25°	1885.4	1703.6	1559.0	1405.2	1211.8	982.4	747.6	532.9	353.7	221.4	134.8
-27.5°	1800.3	1637.4	1509.7	1346.7	1141.7	915.8	693.3	492.0	321.3	199.2	123.4
-30°	1718.0	1580.0	1444.4	1278.4	1066.0	843.8	634.5	448.1	294.0	181.3	111.1
-32.5°	1635.8	1518.7	1371.3	1190.1	982.4	767.2	571.5	400.9	264.6	166.1	100.7
-35°	1566.2	1440.9	1291.6	1096.3	892.6	693.3	508.8	350.5	233.2	149.8	90.4
-37.5°	1491.4	1353.0	1184.8	995.6	797.7	615.1	449.7	307.2	199.9	132.5	79.6
-40°	1393.0	1248.8	1072.8	887.5	705.6	532.9	387.5	268.0	175.3	114.2	68.1
-42.5°	1287.7	1123.7	952.5	774.6	611.9	461.2	324.7	226.8	153.6	98.6	56.0
-45°	1149.3	991.9	826.3	669.0	517.2	386.7	277.3	186.5	131.0	84.2	46.5
-47.5°	1005.1	852.3	703.6	559.9	433.2	315.7	228.1	160.3	107.6	69.1	41.1
-50°	852.3	715.2	582.7	461.4	346.5	260.0	182.5	133.1	90.0	53.4	35.5
-52.5°	703.6	582.7	470.8	365.2	279.3	202.6	151.6	105.8	71.7	44.0	29.6
-55°	559.9	461.4	365.2	285.8	215.4	162.8	119.8	85.0	53.0	37.1	24.1
-57.5°	433.2	346.5	279.3	215.4	166.5	127.2	92.9	63.5	42.5	30.1	22.2
-60°	315.7	260.0	202.6	162.8	127.2	95.6	68.8	45.8	34.4	23.8	20.2
-62.5°	228.1	182.5	151.6	119.8	92.9	68.8	46.9	36.5	26.0	21.5	18.2
-65°	160.3	133.1	105.8	85.0	63.5	45.8	36.5	27.1	22.2	19.2	16.1
-67.5°	107.6	90.0	71.7	53.0	42.5	34.4	26.0	22.2	19.5	16.8	14.0
-70°	69.1	53.4	44.0	37.1	30.1	23.8	21.5	19.2	16.8	14.3	11.8
-72.5°	41.1	35.5	29.6	24.1	22.2	20.2	18.2	16.1	14.0	11.8	9.7
-75°	25.0	23.0	21.5	19.9	18.2	16.5	14.8	13.0	11.2	9.3	8.1
-77.5°	19.5	18.2	16.9	15.6	14.2	12.8	11.3	9.9	8.7	7.7	6.8
-80°	14.4	13.4	12.3	11.3	10.2	9.1	8.4	7.7	7.0	6.2	5.5
-82.5°	9.3	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.3	4.7	4.1
-85°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
-87.5°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4
-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	5.9	4.9	4.0	3.0	2.0	1.0	0.0
75°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
72.5°	8.1	6.8	5.5	4.1	2.8	1.4	0.0
70°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
67.5°	11.2	8.7	7.0	5.3	3.5	1.8	0.0
65°	13.0	9.9	7.7	5.8	3.9	1.9	0.0
62.5°	14.8	11.3	8.4	6.3	4.2	2.1	0.0
60°	16.5	12.8	9.1	6.8	4.6	2.3	0.0
57.5°	18.2	14.2	10.2	7.3	4.9	2.5	0.0
55°	19.9	15.6	11.3	7.8	5.3	2.6	0.0
52.5°	21.5	16.9	12.3	8.3	5.6	2.8	0.0
50°	23.0	18.2	13.4	8.8	5.9	3.0	0.0
47.5°	25.0	19.5	14.4	9.3	6.2	3.1	0.0
45°	29.6	20.7	15.3	10.0	6.5	3.3	0.0
42.5°	34.1	21.8	16.3	10.7	6.7	3.4	0.0
40°	38.3	22.9	17.1	11.3	7.0	3.5	0.0
37.5°	42.3	24.0	18.0	12.0	7.2	3.6	0.0
35°	46.2	26.4	18.8	12.6	7.5	3.8	0.0
32.5°	51.3	29.4	19.5	13.1	7.7	3.9	0.0
30°	59.4	32.1	20.2	13.6	7.9	4.0	0.0
27.5°	67.0	34.7	20.8	14.1	8.1	4.1	0.0
25°	74.0	37.1	21.4	14.6	8.3	4.2	0.0
22.5°	80.4	39.3	22.0	15.0	8.4	4.2	0.0
20°	86.1	41.2	22.4	15.3	8.6	4.3	0.0
17.5°	91.2	43.0	22.9	15.6	8.7	4.4	0.0
15°	95.6	44.5	23.3	15.9	8.8	4.4	0.0
12.5°	99.4	45.8	23.6	16.2	8.9	4.5	0.0
10°	102.5	46.8	23.8	16.4	9.0	4.5	0.0
7.5°	104.9	47.6	24.0	16.5	9.0	4.6	0.0
5°	106.6	48.2	24.2	16.6	9.1	4.6	0.0
2.5°	107.7	48.6	24.3	16.7	9.1	4.6	0.0
0°	108.0	48.7	24.3	16.7	9.1	4.6	0.0
-2.5°	107.7	48.6	24.3	16.7	9.1	4.6	0.0
-5°	106.6	48.2	24.2	16.6	9.1	4.6	0.0
-7.5°	104.9	47.6	24.0	16.5	9.0	4.6	0.0
-10°	102.5	46.8	23.8	16.4	9.0	4.5	0.0
-12.5°	99.4	45.8	23.6	16.2	8.9	4.5	0.0
-15°	95.6	44.5	23.3	15.9	8.8	4.4	0.0
-17.5°	91.2	43.0	22.9	15.6	8.7	4.4	0.0
-20°	86.1	41.2	22.4	15.3	8.6	4.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.4	39.3	22.0	15.0	8.4	4.2	0.0
-25°	74.0	37.1	21.4	14.6	8.3	4.2	0.0
-27.5°	67.0	34.7	20.8	14.1	8.1	4.1	0.0
-30°	59.4	32.1	20.2	13.6	7.9	4.0	0.0
-32.5°	51.3	29.4	19.5	13.1	7.7	3.9	0.0
-35°	46.2	26.4	18.8	12.6	7.5	3.8	0.0
-37.5°	42.3	24.0	18.0	12.0	7.2	3.6	0.0
-40°	38.3	22.9	17.1	11.3	7.0	3.5	0.0
-42.5°	34.1	21.8	16.3	10.7	6.7	3.4	0.0
-45°	29.6	20.7	15.3	10.0	6.5	3.3	0.0
-47.5°	25.0	19.5	14.4	9.3	6.2	3.1	0.0
-50°	23.0	18.2	13.4	8.8	5.9	3.0	0.0
-52.5°	21.5	16.9	12.3	8.3	5.6	2.8	0.0
-55°	19.9	15.6	11.3	7.8	5.3	2.6	0.0
-57.5°	18.2	14.2	10.2	7.3	4.9	2.5	0.0
-60°	16.5	12.8	9.1	6.8	4.6	2.3	0.0
-62.5°	14.8	11.3	8.4	6.3	4.2	2.1	0.0
-65°	13.0	9.9	7.7	5.8	3.9	1.9	0.0
-67.5°	11.2	8.7	7.0	5.3	3.5	1.8	0.0
-70°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
-72.5°	8.1	6.8	5.5	4.1	2.8	1.4	0.0
-75°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-77.5°	5.9	4.9	4.0	3.0	2.0	1.0	0.0
-80°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)