

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: P1305440 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-4S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305440 (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: EPHESUS  
Catalog Number: EPH-08-680R-57-70-4S-HEG-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

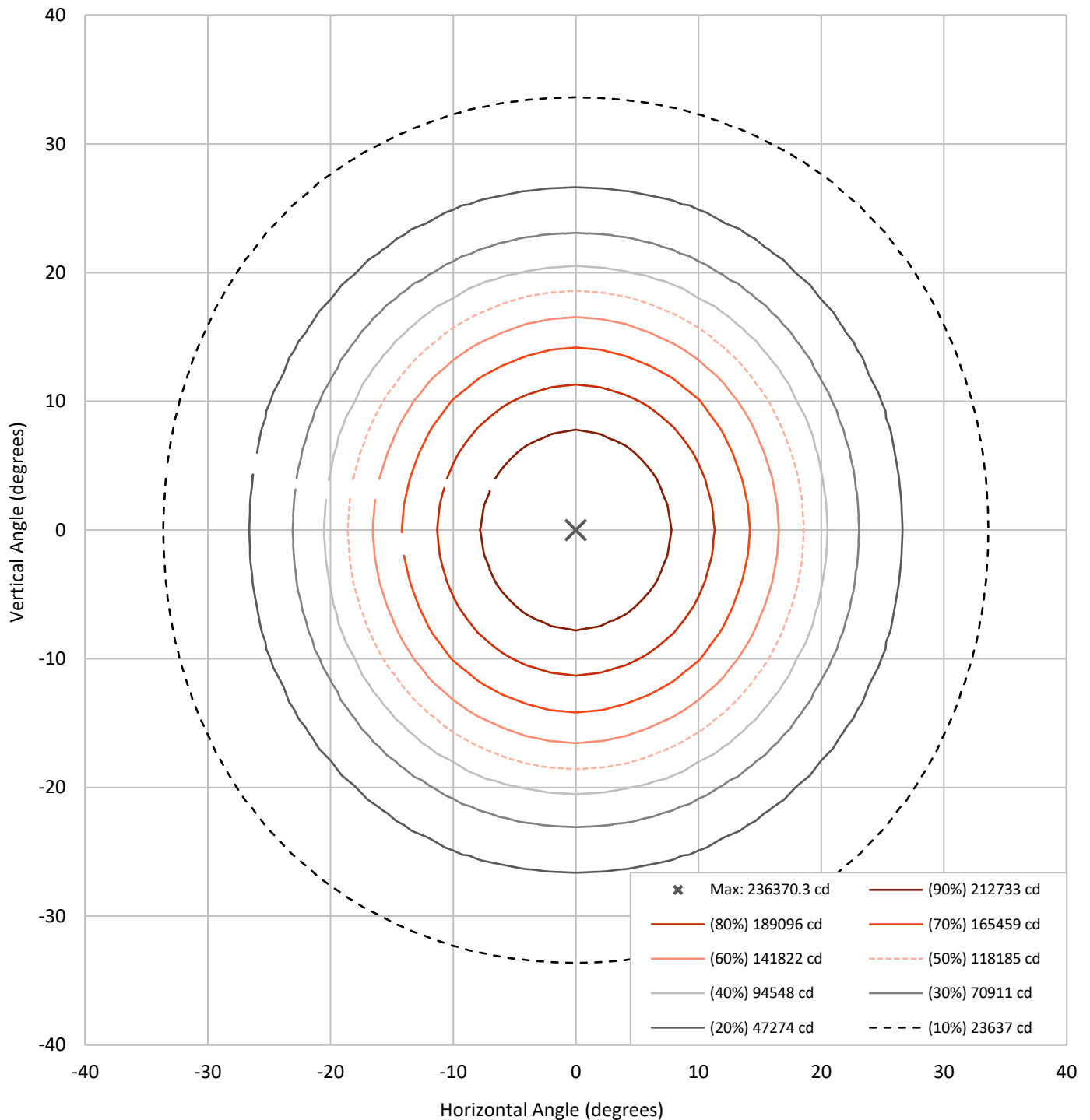
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	109158 lumens	Max Intensity:	236370.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	37.2°H x 37.2°V	Field Angle (10%):	67.2°H x 67.2°V
Beam Lumens:	56826.7 lumens	Field Lumens:	95459.3 lumens
Beam Efficiency:	52.1%	Field Efficiency:	87.5%

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





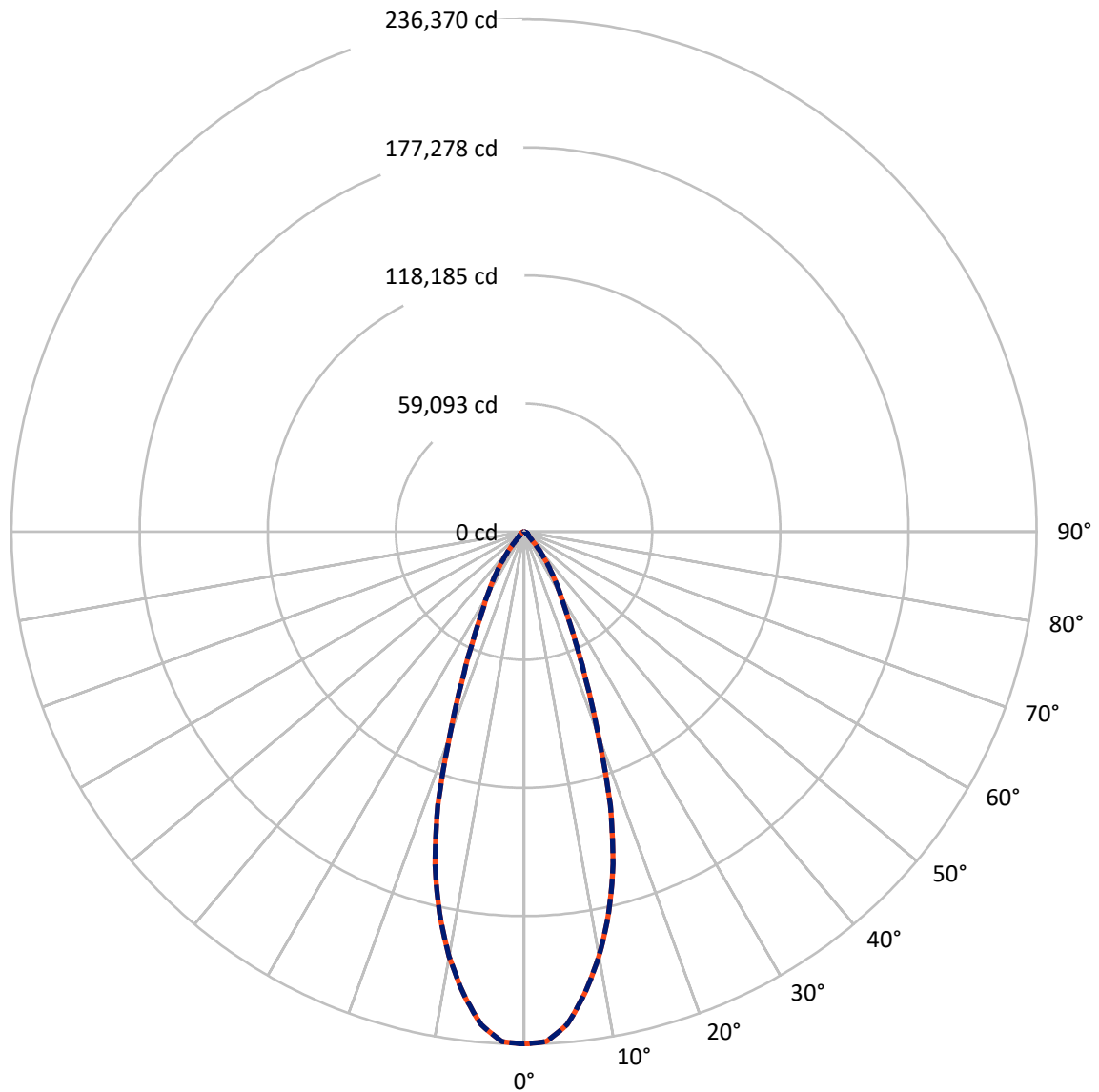
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### Lumen Table

90	0.1	0.8	3.2	7.8	10.1	7.8	3.2	0.8	0.1							
80	0.1	0.8	3.2	7.8	10.1	7.8	3.2	0.8	0.1							
70	0.4	0.5	2.0	5.5	11.3	18.4	24.7	28.1	28.1	24.7	18.4	11.3	5.5	2.0	0.5	0.4
60		1.5	6.5	17.5	32.2	45.4	54.9	60.3	60.3	54.9	45.4	32.2	17.5	6.5	1.5	
50	1.1	3.4	14.4	32.7	50.9	70.6	101.4	133.8	133.8	101.4	70.6	50.9	32.7	14.4	3.4	1.1
40		6.1	22.8	44.0	76.3	205.3	434.5	602.7	602.7	434.5	205.3	76.3	44.0	22.8	6.1	
30	2.3	8.9	29.0	55.3	187.0	584.2	1142.4	1698.7	1698.7	1142.4	584.2	187.0	55.3	29.0	8.9	2.3
20		11.2	32.9	75.1	372.1	1075.7	2663.9	4372.9	4372.9	2663.9	1075.7	372.1	75.1	32.9	11.2	
10	2.8	12.4	35.0	96.8	500.8	1555.4	4249.3	6400.8	6400.8	4249.3	1555.4	500.8	96.8	35.0	12.4	2.8
0		12.4	35.0	96.8	500.8	1555.4	4249.3	6400.8	6400.8	4249.3	1555.4	500.8	96.8	35.0	12.4	
-10	2.3	11.2	32.9	75.1	372.1	1075.7	2663.9	4372.9	4372.9	2663.9	1075.7	372.1	75.1	32.9	11.2	2.3
-20		8.9	29.0	55.3	187.0	584.2	1142.4	1698.7	1698.7	1142.4	584.2	187.0	55.3	29.0	8.9	
-30	1.1	6.1	22.8	44.0	76.3	205.3	434.5	602.7	602.7	434.5	205.3	76.3	44.0	22.8	6.1	1.1
-40		3.4	14.4	32.7	50.9	70.6	101.4	133.8	133.8	101.4	70.6	50.9	32.7	14.4	3.4	
-50	0.4	1.5	6.5	17.5	32.2	45.4	54.9	60.3	60.3	54.9	45.4	32.2	17.5	6.5	1.5	0.4
-60		0.5	2.0	5.5	11.3	18.4	24.7	28.1	28.1	24.7	18.4	11.3	5.5	2.0	0.5	
-70	0.1	0.8	3.2	7.8	10.1	7.8	3.2	0.8	0.1							
-80		0.1	0.8	3.2	7.8	10.1	7.8	3.2	0.8	0.1						
-90	0.1	0.8	3.2	7.8	10.1	7.8	3.2	0.8	0.1							

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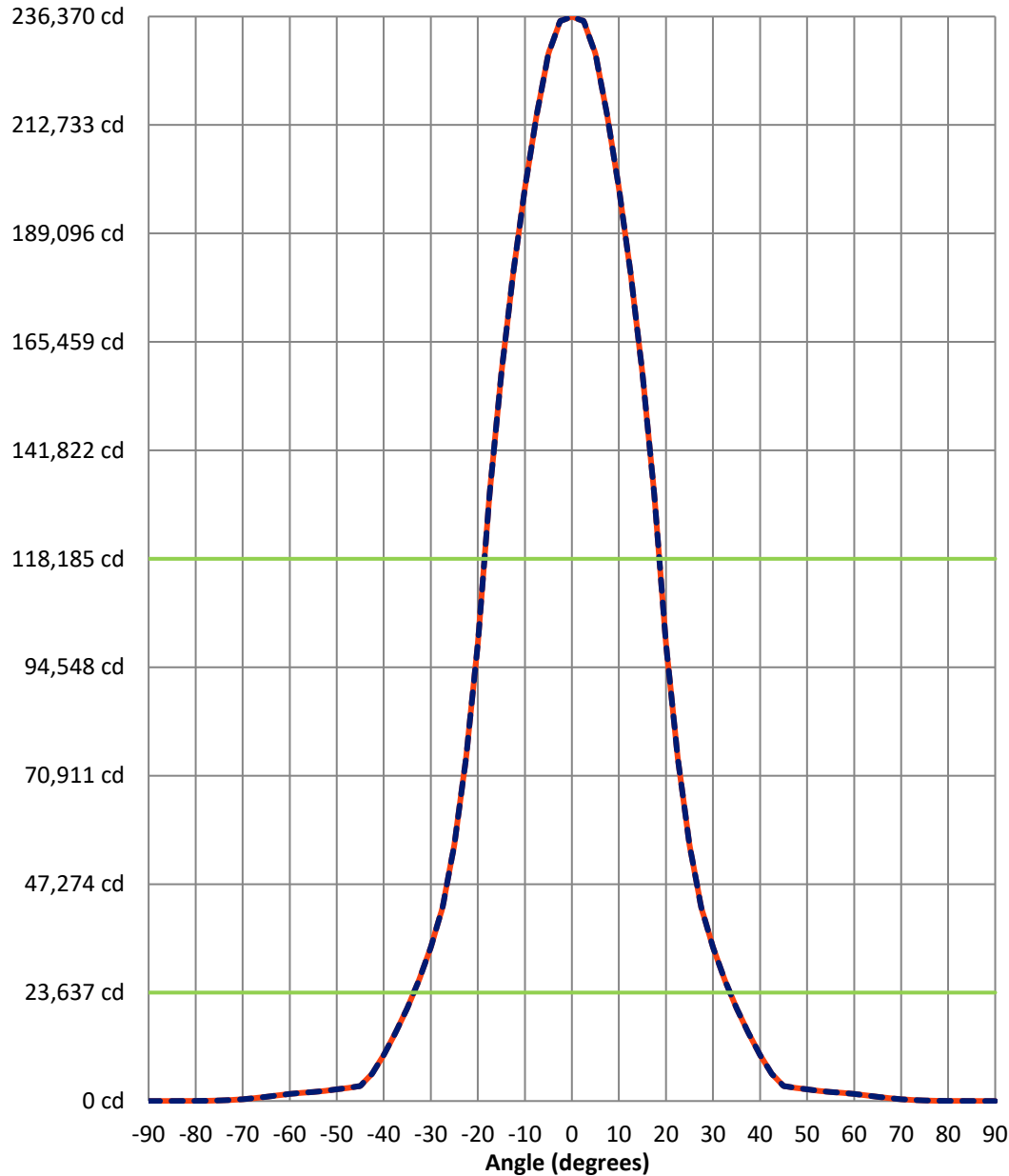
### Luminous Intensity Polar Plot



— 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: 56826.7  
 Efficiency: 52.1%

**Field:**  
 H Angle: 67.2°  
 V Angle: 67.2°  
 Lumens: 95459.3  
 Efficiency: 87.5%

**Spill:**  
 Lumens: 13698.7  
 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	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.6	6.3	6.9
80°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.5	8.3	9.2
77.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.3	10.4	11.8
75°	0.0	1.4	2.8	4.3	5.7	7.0	8.4	9.7	11.2	13.4	15.6
72.5°	0.0	1.7	3.3	4.9	6.6	8.2	9.7	11.6	14.2	16.8	19.3
70°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	14.2	17.2	20.1	23.0
67.5°	0.0	2.1	4.2	6.3	8.3	10.4	13.4	16.8	20.1	23.4	26.6
65°	0.0	2.3	4.6	6.9	9.2	11.8	15.6	19.3	23.0	26.6	32.4
62.5°	0.0	2.5	5.1	7.6	10.0	13.6	17.7	21.8	25.8	31.2	43.6
60°	0.0	2.7	5.5	8.2	10.9	15.3	19.8	24.2	28.5	41.1	54.6
57.5°	0.0	3.0	5.9	8.8	12.2	17.0	21.8	26.5	35.9	50.7	75.8
55°	0.0	3.2	6.3	9.4	13.5	18.7	23.8	28.9	44.3	63.2	101.4
52.5°	0.0	3.3	6.7	9.9	14.8	20.3	25.7	35.5	52.5	85.7	126.4
50°	0.0	3.5	7.0	10.5	16.0	21.8	27.6	42.4	63.8	107.4	158.9
47.5°	0.0	3.7	7.4	11.1	17.2	23.3	29.9	49.1	82.5	128.5	191.4
45°	0.0	3.9	7.7	12.0	18.4	24.7	35.4	55.5	100.5	156.5	222.7
42.5°	0.0	4.1	8.1	12.8	19.5	26.1	40.7	66.9	117.8	183.5	270.9
40°	0.0	4.2	8.4	13.6	20.5	27.4	45.8	81.3	136.4	209.3	320.0
37.5°	0.0	4.4	8.7	14.3	21.5	28.7	50.5	95.0	158.2	238.7	366.9
35°	0.0	4.5	8.9	15.0	22.5	31.6	55.1	108.0	178.8	278.5	418.7
32.5°	0.0	4.6	9.2	15.7	23.4	35.1	61.2	120.2	198.3	316.0	478.9
30°	0.0	4.8	9.5	16.3	24.2	38.4	70.9	132.7	216.5	351.1	535.3
27.5°	0.0	4.9	9.7	16.9	25.0	41.5	80.0	147.4	237.8	383.8	587.8
25°	0.0	5.0	9.9	17.4	25.7	44.3	88.3	161.0	264.4	422.5	636.6
22.5°	0.0	5.1	10.1	17.9	26.3	46.9	95.9	173.3	288.7	461.9	689.9
20°	0.0	5.2	10.2	18.3	26.9	49.2	102.8	184.5	310.5	497.5	738.1
17.5°	0.0	5.2	10.4	18.7	27.4	51.3	108.9	194.4	329.9	529.2	780.9
15°	0.0	5.3	10.5	19.1	27.8	53.1	114.2	203.0	346.9	556.8	818.3
12.5°	0.0	5.4	10.6	19.3	28.2	54.6	118.7	210.3	361.3	580.3	850.1
10°	0.0	5.4	10.7	19.6	28.5	55.9	122.4	216.3	373.1	599.6	876.3
7.5°	0.0	5.5	10.8	19.8	28.8	56.8	125.3	221.0	382.4	614.7	896.7
5°	0.0	5.5	10.9	19.9	29.0	57.5	127.3	224.4	389.0	625.5	911.4
2.5°	0.0	5.5	10.9	20.0	29.1	58.0	128.6	226.4	393.0	632.0	920.2
0°	0.0	5.5	10.9	20.0	29.1	58.1	129.0	227.1	394.3	634.2	923.1
-2.5°	0.0	5.5	10.9	20.0	29.1	58.0	128.6	226.4	393.0	632.0	920.2
-5°	0.0	5.5	10.9	19.9	29.0	57.5	127.3	224.4	389.0	625.5	911.4
-7.5°	0.0	5.5	10.8	19.8	28.8	56.8	125.3	221.0	382.4	614.7	896.7
-10°	0.0	5.4	10.7	19.6	28.5	55.9	122.4	216.3	373.1	599.6	876.3
-12.5°	0.0	5.4	10.6	19.3	28.2	54.6	118.7	210.3	361.3	580.3	850.1
-15°	0.0	5.3	10.5	19.1	27.8	53.1	114.2	203.0	346.9	556.8	818.3
-17.5°	0.0	5.2	10.4	18.7	27.4	51.3	108.9	194.4	329.9	529.2	780.9
-20°	0.0	5.2	10.2	18.3	26.9	49.2	102.8	184.5	310.5	497.5	738.1



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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	5.1	10.1	17.9	26.3	46.9	95.9	173.3	288.7	461.9	689.9
-25°	0.0	5.0	9.9	17.4	25.7	44.3	88.3	161.0	264.4	422.5	636.6
-27.5°	0.0	4.9	9.7	16.9	25.0	41.5	80.0	147.4	237.8	383.8	587.8
-30°	0.0	4.8	9.5	16.3	24.2	38.4	70.9	132.7	216.5	351.1	535.3
-32.5°	0.0	4.6	9.2	15.7	23.4	35.1	61.2	120.2	198.3	316.0	478.9
-35°	0.0	4.5	8.9	15.0	22.5	31.6	55.1	108.0	178.8	278.5	418.7
-37.5°	0.0	4.4	8.7	14.3	21.5	28.7	50.5	95.0	158.2	238.7	366.9
-40°	0.0	4.2	8.4	13.6	20.5	27.4	45.8	81.3	136.4	209.3	320.0
-42.5°	0.0	4.1	8.1	12.8	19.5	26.1	40.7	66.9	117.8	183.5	270.9
-45°	0.0	3.9	7.7	12.0	18.4	24.7	35.4	55.5	100.5	156.5	222.7
-47.5°	0.0	3.7	7.4	11.1	17.2	23.3	29.9	49.1	82.5	128.5	191.4
-50°	0.0	3.5	7.0	10.5	16.0	21.8	27.6	42.4	63.8	107.4	158.9
-52.5°	0.0	3.3	6.7	9.9	14.8	20.3	25.7	35.5	52.5	85.7	126.4
-55°	0.0	3.2	6.3	9.4	13.5	18.7	23.8	28.9	44.3	63.2	101.4
-57.5°	0.0	3.0	5.9	8.8	12.2	17.0	21.8	26.5	35.9	50.7	75.8
-60°	0.0	2.7	5.5	8.2	10.9	15.3	19.8	24.2	28.5	41.1	54.6
-62.5°	0.0	2.5	5.1	7.6	10.0	13.6	17.7	21.8	25.8	31.2	43.6
-65°	0.0	2.3	4.6	6.9	9.2	11.8	15.6	19.3	23.0	26.6	32.4
-67.5°	0.0	2.1	4.2	6.3	8.3	10.4	13.4	16.8	20.1	23.4	26.6
-70°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	14.2	17.2	20.1	23.0
-72.5°	0.0	1.7	3.3	4.9	6.6	8.2	9.7	11.6	14.2	16.8	19.3
-75°	0.0	1.4	2.8	4.3	5.7	7.0	8.4	9.7	11.2	13.4	15.6
-77.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.3	10.4	11.8
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.5	8.3	9.2
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.6	6.3	6.9
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-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°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
85°	5.1	5.5	5.9	6.3	6.7	7.0	7.4	7.7	8.1	8.4	8.7
82.5°	7.6	8.2	8.8	9.4	9.9	10.5	11.1	12.0	12.8	13.6	14.3
80°	10.0	10.9	12.2	13.5	14.8	16.0	17.2	18.4	19.5	20.5	21.5
77.5°	13.6	15.3	17.0	18.7	20.3	21.8	23.3	24.7	26.1	27.4	28.7
75°	17.7	19.8	21.8	23.8	25.7	27.6	29.9	35.4	40.7	45.8	50.5
72.5°	21.8	24.2	26.5	28.9	35.5	42.4	49.1	55.5	66.9	81.3	95.0
70°	25.8	28.5	35.9	44.3	52.5	63.8	82.5	100.5	117.8	136.4	158.2
67.5°	31.2	41.1	50.7	63.2	85.7	107.4	128.5	156.5	183.5	209.3	238.7
65°	43.6	54.6	75.8	101.4	126.4	158.9	191.4	222.7	270.9	320.0	366.9
62.5°	55.9	82.2	111.0	143.0	181.0	217.9	272.4	331.2	387.8	462.9	537.2
60°	82.2	114.2	151.9	194.4	241.9	310.5	377.1	461.9	550.9	636.6	734.8
57.5°	111.0	151.9	198.8	257.2	333.6	413.9	517.5	617.8	730.9	842.8	952.8
55°	143.0	194.4	257.2	341.3	436.2	551.2	668.8	799.2	925.3	1060.1	1189.1
52.5°	181.0	241.9	333.6	436.2	562.4	696.1	840.5	987.0	1137.7	1281.4	1415.1
50°	217.9	310.5	413.9	551.2	696.1	854.3	1018.1	1184.8	1342.1	1491.7	1616.1
47.5°	272.4	377.1	517.5	668.8	840.5	1018.1	1200.5	1372.7	1538.1	1663.9	1781.4
45°	331.2	461.9	617.8	799.2	987.0	1184.8	1372.7	1553.6	1688.0	1811.8	1909.1
42.5°	387.8	550.9	730.9	925.3	1137.7	1342.1	1538.1	1688.0	1821.3	1928.4	2051.1
40°	462.9	636.6	842.8	1060.1	1281.4	1491.7	1663.9	1811.8	1928.4	2064.2	2209.7
37.5°	537.2	734.8	952.8	1189.1	1415.1	1616.1	1781.4	1909.1	2051.1	2209.7	2423.8
35°	607.8	828.1	1066.2	1309.5	1542.7	1721.1	1870.7	2012.0	2183.1	2404.6	2625.7
32.5°	682.7	916.4	1173.5	1421.5	1637.9	1814.0	1954.0	2130.2	2347.2	2590.6	2805.8
30°	758.0	1007.9	1273.2	1526.9	1725.3	1887.2	2052.1	2252.8	2516.4	2752.0	3018.9
27.5°	828.1	1093.9	1363.7	1608.6	1803.3	1955.9	2150.3	2401.6	2663.7	2918.6	3242.7
25°	892.9	1173.5	1447.4	1678.5	1862.2	2034.9	2252.0	2540.5	2797.2	3115.2	4317.4
22.5°	955.5	1246.2	1524.2	1742.6	1916.4	2112.8	2370.9	2657.3	2940.6	3342.6	5544.1
20°	1015.1	1309.5	1584.3	1798.3	1965.6	2183.6	2479.1	2761.9	3095.6	4389.2	7087.2
17.5°	1068.2	1365.8	1631.7	1838.6	2021.3	2259.4	2574.4	2855.9	3235.1	5333.4	8678.3
15°	1114.6	1415.1	1673.1	1873.9	2072.4	2337.9	2650.7	2965.1	3722.6	6302.4	10096.5
12.5°	1154.0	1457.1	1708.5	1904.0	2116.1	2405.0	2716.0	3062.6	4385.3	7424.7	11534.1
10°	1186.5	1491.7	1737.6	1928.8	2152.1	2460.5	2770.0	3143.3	4934.9	8357.2	12731.4
7.5°	1211.9	1518.7	1760.4	1948.3	2180.4	2504.0	2812.4	3206.7	5367.1	9091.8	13676.2
5°	1230.1	1538.1	1776.8	1962.2	2200.6	2535.2	2842.9	3252.3	5678.5	9621.6	14358.7
2.5°	1241.0	1549.7	1786.6	1970.6	2212.8	2554.0	2861.3	3279.8	5866.4	9941.6	14771.3
0°	1244.7	1553.6	1789.9	1973.4	2216.9	2560.3	2867.4	3289.0	5929.2	10048.6	14909.4
-2.5°	1241.0	1549.7	1786.6	1970.6	2212.8	2554.0	2861.3	3279.8	5866.4	9941.6	14771.3
-5°	1230.1	1538.1	1776.8	1962.2	2200.6	2535.2	2842.9	3252.3	5678.5	9621.6	14358.7
-7.5°	1211.9	1518.7	1760.4	1948.3	2180.4	2504.0	2812.4	3206.7	5367.1	9091.8	13676.2
-10°	1186.5	1491.7	1737.6	1928.8	2152.1	2460.5	2770.0	3143.3	4934.9	8357.2	12731.4
-12.5°	1154.0	1457.1	1708.5	1904.0	2116.1	2405.0	2716.0	3062.6	4385.3	7424.7	11534.1
-15°	1114.6	1415.1	1673.1	1873.9	2072.4	2337.9	2650.7	2965.1	3722.6	6302.4	10096.5
-17.5°	1068.2	1365.8	1631.7	1838.6	2021.3	2259.4	2574.4	2855.9	3235.1	5333.4	8678.3
-20°	1015.1	1309.5	1584.3	1798.3	1965.6	2183.6	2479.1	2761.9	3095.6	4389.2	7087.2



REPORT NUMBER: P1305440 (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°	955.5	1246.2	1524.2	1742.6	1916.4	2112.8	2370.9	2657.3	2940.6	3342.6	5544.1
-25°	892.9	1173.5	1447.4	1678.5	1862.2	2034.9	2252.0	2540.5	2797.2	3115.2	4317.4
-27.5°	828.1	1093.9	1363.7	1608.6	1803.3	1955.9	2150.3	2401.6	2663.7	2918.6	3242.7
-30°	758.0	1007.9	1273.2	1526.9	1725.3	1887.2	2052.1	2252.8	2516.4	2752.0	3018.9
-32.5°	682.7	916.4	1173.5	1421.5	1637.9	1814.0	1954.0	2130.2	2347.2	2590.6	2805.8
-35°	607.8	828.1	1066.2	1309.5	1542.7	1721.1	1870.7	2012.0	2183.1	2404.6	2625.7
-37.5°	537.2	734.8	952.8	1189.1	1415.1	1616.1	1781.4	1909.1	2051.1	2209.7	2423.8
-40°	462.9	636.6	842.8	1060.1	1281.4	1491.7	1663.9	1811.8	1928.4	2064.2	2209.7
-42.5°	387.8	550.9	730.9	925.3	1137.7	1342.1	1538.1	1688.0	1821.3	1928.4	2051.1
-45°	331.2	461.9	617.8	799.2	987.0	1184.8	1372.7	1553.6	1688.0	1811.8	1909.1
-47.5°	272.4	377.1	517.5	668.8	840.5	1018.1	1200.5	1372.7	1538.1	1663.9	1781.4
-50°	217.9	310.5	413.9	551.2	696.1	854.3	1018.1	1184.8	1342.1	1491.7	1616.1
-52.5°	181.0	241.9	333.6	436.2	562.4	696.1	840.5	987.0	1137.7	1281.4	1415.1
-55°	143.0	194.4	257.2	341.3	436.2	551.2	668.8	799.2	925.3	1060.1	1189.1
-57.5°	111.0	151.9	198.8	257.2	333.6	413.9	517.5	617.8	730.9	842.8	952.8
-60°	82.2	114.2	151.9	194.4	241.9	310.5	377.1	461.9	550.9	636.6	734.8
-62.5°	55.9	82.2	111.0	143.0	181.0	217.9	272.4	331.2	387.8	462.9	537.2
-65°	43.6	54.6	75.8	101.4	126.4	158.9	191.4	222.7	270.9	320.0	366.9
-67.5°	31.2	41.1	50.7	63.2	85.7	107.4	128.5	156.5	183.5	209.3	238.7
-70°	25.8	28.5	35.9	44.3	52.5	63.8	82.5	100.5	117.8	136.4	158.2
-72.5°	21.8	24.2	26.5	28.9	35.5	42.4	49.1	55.5	66.9	81.3	95.0
-75°	17.7	19.8	21.8	23.8	25.7	27.6	29.9	35.4	40.7	45.8	50.5
-77.5°	13.6	15.3	17.0	18.7	20.3	21.8	23.3	24.7	26.1	27.4	28.7
-80°	10.0	10.9	12.2	13.5	14.8	16.0	17.2	18.4	19.5	20.5	21.5
-82.5°	7.6	8.2	8.8	9.4	9.9	10.5	11.1	12.0	12.8	13.6	14.3
-85°	5.1	5.5	5.9	6.3	6.7	7.0	7.4	7.7	8.1	8.4	8.7
-87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	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):**

	-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
85°	8.9	9.2	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7
82.5°	15.0	15.7	16.3	16.9	17.4	17.9	18.3	18.7	19.1	19.3	19.6
80°	22.5	23.4	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2	28.5
77.5°	31.6	35.1	38.4	41.5	44.3	46.9	49.2	51.3	53.1	54.6	55.9
75°	55.1	61.2	70.9	80.0	88.3	95.9	102.8	108.9	114.2	118.7	122.4
72.5°	108.0	120.2	132.7	147.4	161.0	173.3	184.5	194.4	203.0	210.3	216.3
70°	178.8	198.3	216.5	237.8	264.4	288.7	310.5	329.9	346.9	361.3	373.1
67.5°	278.5	316.0	351.1	383.8	422.5	461.9	497.5	529.2	556.8	580.3	599.6
65°	418.7	478.9	535.3	587.8	636.6	689.9	738.1	780.9	818.3	850.1	876.3
62.5°	607.8	682.7	758.0	828.1	892.9	955.5	1015.1	1068.2	1114.6	1154.0	1186.5
60°	828.1	916.4	1007.9	1093.9	1173.5	1246.2	1309.5	1365.8	1415.1	1457.1	1491.7
57.5°	1066.2	1173.5	1273.2	1363.7	1447.4	1524.2	1584.3	1631.7	1673.1	1708.5	1737.6
55°	1309.5	1421.5	1526.9	1608.6	1678.5	1742.6	1798.3	1838.6	1873.9	1904.0	1928.8
52.5°	1542.7	1637.9	1725.3	1803.3	1862.2	1916.4	1965.6	2021.3	2072.4	2116.1	2152.1
50°	1721.1	1814.0	1887.2	1955.9	2034.9	2112.8	2183.6	2259.4	2337.9	2405.0	2460.5
47.5°	1870.7	1954.0	2052.1	2150.3	2252.0	2370.9	2479.1	2574.4	2650.7	2716.0	2770.0
45°	2012.0	2130.2	2252.8	2401.6	2540.5	2657.3	2761.9	2855.9	2965.1	3062.6	3143.3
42.5°	2183.1	2347.2	2516.4	2663.7	2797.2	2940.6	3095.6	3235.1	3722.6	4385.3	4934.9
40°	2404.6	2590.6	2752.0	2918.6	3115.2	3342.6	4389.2	5333.4	6302.4	7424.7	8357.2
37.5°	2625.7	2805.8	3018.9	3242.7	4317.4	5544.1	7087.2	8678.3	10096.5	11534.1	12731.4
35°	2823.8	3069.5	3486.1	4980.7	6648.6	8701.9	10693.2	12720.4	14523.6	16204.4	17640.5
32.5°	3069.5	3649.7	5316.5	7454.7	9803.4	12355.9	14758.6	17153.8	19305.7	21308.7	23103.0
30°	3486.1	5316.5	7725.9	10418.4	13373.6	16279.7	19124.8	21940.6	24613.3	27036.0	29317.2
27.5°	4980.7	7454.7	10418.4	13716.3	17060.6	20345.7	23847.5	27176.9	30551.1	33510.7	36557.0
25°	6648.6	9803.4	13373.6	17060.6	20813.3	24819.4	28936.7	32981.5	37333.8	41279.6	46006.8
22.5°	8701.9	12355.9	16279.7	20345.7	24819.4	29531.7	34378.9	39706.7	45909.9	52695.5	59538.4
20°	10693.2	14758.6	19124.8	23847.5	28936.7	34378.9	40511.5	48566.8	57274.9	67649.2	77158.2
17.5°	12720.4	17153.8	21940.6	27176.9	32981.5	39706.7	48566.8	59257.8	71854.2	85898.2	98987.1
15°	14523.6	19305.7	24613.3	30551.1	37333.8	45909.9	57274.9	71854.2	88896.1	107137.5	126263.1
12.5°	16204.4	21308.7	27036.0	33510.7	41279.6	52695.5	67649.2	85898.2	107137.5	130908.3	148496.8
10°	17640.5	23103.0	29317.2	36557.0	46006.8	59538.4	77158.2	98987.1	126263.1	148496.8	166618.2
7.5°	18776.4	24526.1	31132.7	38993.9	50234.7	66078.0	86750.3	112866.8	140367.5	162645.8	180462.7
5°	19598.4	25558.2	32452.9	40772.2	53333.6	70899.1	93876.6	123466.0	150226.6	172348.8	190336.8
2.5°	20096.0	26183.9	33254.9	41855.1	55226.7	73856.9	98274.0	130060.0	156434.2	178302.7	196661.6
0°	<b>20262.6</b>	<b>26393.6</b>	<b>33523.9</b>	<b>42218.8</b>	<b>55863.6</b>	<b>74854.2</b>	<b>99761.4</b>	<b>132300.5</b>	<b>158557.8</b>	<b>180276.9</b>	<b>198897.7</b>
-2.5°	20096.0	26183.9	33254.9	41855.1	55226.7	73856.9	98274.0	130060.0	156434.2	178302.7	196661.6
-5°	19598.4	25558.2	32452.9	40772.2	53333.6	70899.1	93876.6	123466.0	150226.6	172348.8	190336.8
-7.5°	18776.4	24526.1	31132.7	38993.9	50234.7	66078.0	86750.3	112866.8	140367.5	162645.8	180462.7
-10°	17640.5	23103.0	29317.2	36557.0	46006.8	59538.4	77158.2	98987.1	126263.1	148496.8	166618.2
-12.5°	16204.4	21308.7	27036.0	33510.7	41279.6	52695.5	67649.2	85898.2	107137.5	130908.3	148496.8
-15°	14523.6	19305.7	24613.3	30551.1	37333.8	45909.9	57274.9	71854.2	88896.1	107137.5	126263.1
-17.5°	12720.4	17153.8	21940.6	27176.9	32981.5	39706.7	48566.8	59257.8	71854.2	85898.2	98987.1
-20°	10693.2	14758.6	19124.8	23847.5	28936.7	34378.9	40511.5	48566.8	57274.9	67649.2	77158.2



REPORT NUMBER: P1305440 (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°	8701.9	12355.9	16279.7	20345.7	24819.4	29531.7	34378.9	39706.7	45909.9	52695.5	59538.4
-25°	6648.6	9803.4	13373.6	17060.6	20813.3	24819.4	28936.7	32981.5	37333.8	41279.6	46006.8
-27.5°	4980.7	7454.7	10418.4	13716.3	17060.6	20345.7	23847.5	27176.9	30551.1	33510.7	36557.0
-30°	3486.1	5316.5	7725.9	10418.4	13373.6	16279.7	19124.8	21940.6	24613.3	27036.0	29317.2
-32.5°	3069.5	3649.7	5316.5	7454.7	9803.4	12355.9	14758.6	17153.8	19305.7	21308.7	23103.0
-35°	2823.8	3069.5	3486.1	4980.7	6648.6	8701.9	10693.2	12720.4	14523.6	16204.4	17640.5
-37.5°	2625.7	2805.8	3018.9	3242.7	4317.4	5544.1	7087.2	8678.3	10096.5	11534.1	12731.4
-40°	2404.6	2590.6	2752.0	2918.6	3115.2	3342.6	4389.2	5333.4	6302.4	7424.7	8357.2
-42.5°	2183.1	2347.2	2516.4	2663.7	2797.2	2940.6	3095.6	3235.1	3722.6	4385.3	4934.9
-45°	2012.0	2130.2	2252.8	2401.6	2540.5	2657.3	2761.9	2855.9	2965.1	3062.6	3143.3
-47.5°	1870.7	1954.0	2052.1	2150.3	2252.0	2370.9	2479.1	2574.4	2650.7	2716.0	2770.0
-50°	1721.1	1814.0	1887.2	1955.9	2034.9	2112.8	2183.6	2259.4	2337.9	2405.0	2460.5
-52.5°	1542.7	1637.9	1725.3	1803.3	1862.2	1916.4	1965.6	2021.3	2072.4	2116.1	2152.1
-55°	1309.5	1421.5	1526.9	1608.6	1678.5	1742.6	1798.3	1838.6	1873.9	1904.0	1928.8
-57.5°	1066.2	1173.5	1273.2	1363.7	1447.4	1524.2	1584.3	1631.7	1673.1	1708.5	1737.6
-60°	828.1	916.4	1007.9	1093.9	1173.5	1246.2	1309.5	1365.8	1415.1	1457.1	1491.7
-62.5°	607.8	682.7	758.0	828.1	892.9	955.5	1015.1	1068.2	1114.6	1154.0	1186.5
-65°	418.7	478.9	535.3	587.8	636.6	689.9	738.1	780.9	818.3	850.1	876.3
-67.5°	278.5	316.0	351.1	383.8	422.5	461.9	497.5	529.2	556.8	580.3	599.6
-70°	178.8	198.3	216.5	237.8	264.4	288.7	310.5	329.9	346.9	361.3	373.1
-72.5°	108.0	120.2	132.7	147.4	161.0	173.3	184.5	194.4	203.0	210.3	216.3
-75°	55.1	61.2	70.9	80.0	88.3	95.9	102.8	108.9	114.2	118.7	122.4
-77.5°	31.6	35.1	38.4	41.5	44.3	46.9	49.2	51.3	53.1	54.6	55.9
-80°	22.5	23.4	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2	28.5
-82.5°	15.0	15.7	16.3	16.9	17.4	17.9	18.3	18.7	19.1	19.3	19.6
-85°	8.9	9.2	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7
-87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
-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: P1305440 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
85°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.7	10.6	10.5	10.4
82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.3	19.1	18.7
80°	28.8	29.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2	27.8	27.4
77.5°	56.8	57.5	58.0	58.1	58.0	57.5	56.8	55.9	54.6	53.1	51.3
75°	125.3	127.3	128.6	129.0	128.6	127.3	125.3	122.4	118.7	114.2	108.9
72.5°	221.0	224.4	226.4	227.1	226.4	224.4	221.0	216.3	210.3	203.0	194.4
70°	382.4	389.0	393.0	394.3	393.0	389.0	382.4	373.1	361.3	346.9	329.9
67.5°	614.7	625.5	632.0	634.2	632.0	625.5	614.7	599.6	580.3	556.8	529.2
65°	896.7	911.4	920.2	923.1	920.2	911.4	896.7	876.3	850.1	818.3	780.9
62.5°	1211.9	1230.1	1241.0	1244.7	1241.0	1230.1	1211.9	1186.5	1154.0	1114.6	1068.2
60°	1518.7	1538.1	1549.7	1553.6	1549.7	1538.1	1518.7	1491.7	1457.1	1415.1	1365.8
57.5°	1760.4	1776.8	1786.6	1789.9	1786.6	1776.8	1760.4	1737.6	1708.5	1673.1	1631.7
55°	1948.3	1962.2	1970.6	1973.4	1970.6	1962.2	1948.3	1928.8	1904.0	1873.9	1838.6
52.5°	2180.4	2200.6	2212.8	2216.9	2212.8	2200.6	2180.4	2152.1	2116.1	2072.4	2021.3
50°	2504.0	2535.2	2554.0	2560.3	2554.0	2535.2	2504.0	2460.5	2405.0	2337.9	2259.4
47.5°	2812.4	2842.9	2861.3	2867.4	2861.3	2842.9	2812.4	2770.0	2716.0	2650.7	2574.4
45°	3206.7	3252.3	3279.8	3289.0	3279.8	3252.3	3206.7	3143.3	3062.6	2965.1	2855.9
42.5°	5367.1	5678.5	5866.4	5929.2	5866.4	5678.5	5367.1	4934.9	4385.3	3722.6	3235.1
40°	9091.8	9621.6	9941.6	10048.6	9941.6	9621.6	9091.8	8357.2	7424.7	6302.4	5333.4
37.5°	13676.2	14358.7	14771.3	14909.4	14771.3	14358.7	13676.2	12731.4	11534.1	10096.5	8678.3
35°	18776.4	19598.4	20096.0	20262.6	20096.0	19598.4	18776.4	17640.5	16204.4	14523.6	12720.4
32.5°	24526.1	25558.2	26183.9	26393.6	26183.9	25558.2	24526.1	23103.0	21308.7	19305.7	17153.8
30°	31132.7	32452.9	33254.9	33523.9	33254.9	32452.9	31132.7	29317.2	27036.0	24613.3	21940.6
27.5°	38993.9	40772.2	41855.1	42218.8	41855.1	40772.2	38993.9	36557.0	33510.7	30551.1	27176.9
25°	50234.7	53333.6	55226.7	55863.6	55226.7	53333.6	50234.7	46006.8	41279.6	37333.8	32981.5
22.5°	66078.0	70899.1	73856.9	74854.2	73856.9	70899.1	66078.0	59538.4	52695.5	45909.9	39706.7
20°	86750.3	93876.6	98274.0	99761.4	98274.0	93876.6	86750.3	77158.2	67649.2	57274.9	48566.8
17.5°	112866.8	123466.0	130060.0	132300.5	130060.0	123466.0	112866.8	98987.1	85898.2	71854.2	59257.8
15°	140367.5	150226.6	156434.2	158557.8	156434.2	150226.6	140367.5	126263.1	107137.5	88896.1	71854.2
12.5°	162645.8	172348.8	178302.7	180276.9	178302.7	172348.8	162645.8	148496.8	130908.3	107137.5	85898.2
10°	180462.7	190336.8	196661.6	198897.7	196661.6	190336.8	180462.7	166618.2	148496.8	126263.1	98987.1
7.5°	194557.2	205702.1	212452.4	214854.8	212452.4	205702.1	194557.2	180462.7	162645.8	140367.5	112866.8
5°	205702.1	217435.7	225425.4	228236.9	225425.4	217435.7	205702.1	190336.8	172348.8	150226.6	123466.0
2.5°	212452.4	225425.4	233143.5	235360.9	233143.5	225425.4	212452.4	196661.6	178302.7	156434.2	130060.0
0°	214854.8	228236.9	235360.9	236370.3	235360.9	228236.9	214854.8	198897.7	180276.9	158557.8	132300.5
-2.5°	212452.4	225425.4	233143.5	235360.9	233143.5	225425.4	212452.4	196661.6	178302.7	156434.2	130060.0
-5°	205702.1	217435.7	225425.4	228236.9	225425.4	217435.7	205702.1	190336.8	172348.8	150226.6	123466.0
-7.5°	194557.2	205702.1	212452.4	214854.8	212452.4	205702.1	194557.2	180462.7	162645.8	140367.5	112866.8
-10°	180462.7	190336.8	196661.6	198897.7	196661.6	190336.8	180462.7	166618.2	148496.8	126263.1	98987.1
-12.5°	162645.8	172348.8	178302.7	180276.9	178302.7	172348.8	162645.8	148496.8	130908.3	107137.5	85898.2
-15°	140367.5	150226.6	156434.2	158557.8	156434.2	150226.6	140367.5	126263.1	107137.5	88896.1	71854.2
-17.5°	112866.8	123466.0	130060.0	132300.5	130060.0	123466.0	112866.8	98987.1	85898.2	71854.2	59257.8
-20°	86750.3	93876.6	98274.0	99761.4	98274.0	93876.6	86750.3	77158.2	67649.2	57274.9	48566.8



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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°	66078.0	70899.1	73856.9	74854.2	73856.9	70899.1	66078.0	59538.4	52695.5	45909.9	39706.7
-25°	50234.7	53333.6	55226.7	55863.6	55226.7	53333.6	50234.7	46006.8	41279.6	37333.8	32981.5
-27.5°	38993.9	40772.2	41855.1	42218.8	41855.1	40772.2	38993.9	36557.0	33510.7	30551.1	27176.9
-30°	31132.7	32452.9	33254.9	33523.9	33254.9	32452.9	31132.7	29317.2	27036.0	24613.3	21940.6
-32.5°	24526.1	25558.2	26183.9	26393.6	26183.9	25558.2	24526.1	23103.0	21308.7	19305.7	17153.8
-35°	18776.4	19598.4	20096.0	20262.6	20096.0	19598.4	18776.4	17640.5	16204.4	14523.6	12720.4
-37.5°	13676.2	14358.7	14771.3	14909.4	14771.3	14358.7	13676.2	12731.4	11534.1	10096.5	8678.3
-40°	9091.8	9621.6	9941.6	10048.6	9941.6	9621.6	9091.8	8357.2	7424.7	6302.4	5333.4
-42.5°	5367.1	5678.5	5866.4	5929.2	5866.4	5678.5	5367.1	4934.9	4385.3	3722.6	3235.1
-45°	3206.7	3252.3	3279.8	3289.0	3279.8	3252.3	3206.7	3143.3	3062.6	2965.1	2855.9
-47.5°	2812.4	2842.9	2861.3	2867.4	2861.3	2842.9	2812.4	2770.0	2716.0	2650.7	2574.4
-50°	2504.0	2535.2	2554.0	2560.3	2554.0	2535.2	2504.0	2460.5	2405.0	2337.9	2259.4
-52.5°	2180.4	2200.6	2212.8	2216.9	2212.8	2200.6	2180.4	2152.1	2116.1	2072.4	2021.3
-55°	1948.3	1962.2	1970.6	1973.4	1970.6	1962.2	1948.3	1928.8	1904.0	1873.9	1838.6
-57.5°	1760.4	1776.8	1786.6	1789.9	1786.6	1776.8	1760.4	1737.6	1708.5	1673.1	1631.7
-60°	1518.7	1538.1	1549.7	1553.6	1549.7	1538.1	1518.7	1491.7	1457.1	1415.1	1365.8
-62.5°	1211.9	1230.1	1241.0	1244.7	1241.0	1230.1	1211.9	1186.5	1154.0	1114.6	1068.2
-65°	896.7	911.4	920.2	923.1	920.2	911.4	896.7	876.3	850.1	818.3	780.9
-67.5°	614.7	625.5	632.0	634.2	632.0	625.5	614.7	599.6	580.3	556.8	529.2
-70°	382.4	389.0	393.0	394.3	393.0	389.0	382.4	373.1	361.3	346.9	329.9
-72.5°	221.0	224.4	226.4	227.1	226.4	224.4	221.0	216.3	210.3	203.0	194.4
-75°	125.3	127.3	128.6	129.0	128.6	127.3	125.3	122.4	118.7	114.2	108.9
-77.5°	56.8	57.5	58.0	58.1	58.0	57.5	56.8	55.9	54.6	53.1	51.3
-80°	28.8	29.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2	27.8	27.4
-82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.3	19.1	18.7
-85°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.7	10.6	10.5	10.4
-87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
85°	10.2	10.1	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7
82.5°	18.3	17.9	17.4	16.9	16.3	15.7	15.0	14.3	13.6	12.8	12.0
80°	26.9	26.3	25.7	25.0	24.2	23.4	22.5	21.5	20.5	19.5	18.4
77.5°	49.2	46.9	44.3	41.5	38.4	35.1	31.6	28.7	27.4	26.1	24.7
75°	102.8	95.9	88.3	80.0	70.9	61.2	55.1	50.5	45.8	40.7	35.4
72.5°	184.5	173.3	161.0	147.4	132.7	120.2	108.0	95.0	81.3	66.9	55.5
70°	310.5	288.7	264.4	237.8	216.5	198.3	178.8	158.2	136.4	117.8	100.5
67.5°	497.5	461.9	422.5	383.8	351.1	316.0	278.5	238.7	209.3	183.5	156.5
65°	738.1	689.9	636.6	587.8	535.3	478.9	418.7	366.9	320.0	270.9	222.7
62.5°	1015.1	955.5	892.9	828.1	758.0	682.7	607.8	537.2	462.9	387.8	331.2
60°	1309.5	1246.2	1173.5	1093.9	1007.9	916.4	828.1	734.8	636.6	550.9	461.9
57.5°	1584.3	1524.2	1447.4	1363.7	1273.2	1173.5	1066.2	952.8	842.8	730.9	617.8
55°	1798.3	1742.6	1678.5	1608.6	1526.9	1421.5	1309.5	1189.1	1060.1	925.3	799.2
52.5°	1965.6	1916.4	1862.2	1803.3	1725.3	1637.9	1542.7	1415.1	1281.4	1137.7	987.0
50°	2183.6	2112.8	2034.9	1955.9	1887.2	1814.0	1721.1	1616.1	1491.7	1342.1	1184.8
47.5°	2479.1	2370.9	2252.0	2150.3	2052.1	1954.0	1870.7	1781.4	1663.9	1538.1	1372.7
45°	2761.9	2657.3	2540.5	2401.6	2252.8	2130.2	2012.0	1909.1	1811.8	1688.0	1553.6
42.5°	3095.6	2940.6	2797.2	2663.7	2516.4	2347.2	2183.1	2051.1	1928.4	1821.3	1688.0
40°	4389.2	3342.6	3115.2	2918.6	2752.0	2590.6	2404.6	2209.7	2064.2	1928.4	1811.8
37.5°	7087.2	5544.1	4317.4	3242.7	3018.9	2805.8	2625.7	2423.8	2209.7	2051.1	1909.1
35°	10693.2	8701.9	6648.6	4980.7	3486.1	3069.5	2823.8	2625.7	2404.6	2183.1	2012.0
32.5°	14758.6	12355.9	9803.4	7454.7	5316.5	3649.7	3069.5	2805.8	2590.6	2347.2	2130.2
30°	19124.8	16279.7	13373.6	10418.4	7725.9	5316.5	3486.1	3018.9	2752.0	2516.4	2252.8
27.5°	23847.5	20345.7	17060.6	13716.3	10418.4	7454.7	4980.7	3242.7	2918.6	2663.7	2401.6
25°	28936.7	24819.4	20813.3	17060.6	13373.6	9803.4	6648.6	4317.4	3115.2	2797.2	2540.5
22.5°	34378.9	29531.7	24819.4	20345.7	16279.7	12355.9	8701.9	5544.1	3342.6	2940.6	2657.3
20°	40511.5	34378.9	28936.7	23847.5	19124.8	14758.6	10693.2	7087.2	4389.2	3095.6	2761.9
17.5°	48566.8	39706.7	32981.5	27176.9	21940.6	17153.8	12720.4	8678.3	5333.4	3235.1	2855.9
15°	57274.9	45909.9	37333.8	30551.1	24613.3	19305.7	14523.6	10096.5	6302.4	3722.6	2965.1
12.5°	67649.2	52695.5	41279.6	33510.7	27036.0	21308.7	16204.4	11534.1	7424.7	4385.3	3062.6
10°	77158.2	59538.4	46006.8	36557.0	29317.2	23103.0	17640.5	12731.4	8357.2	4934.9	3143.3
7.5°	86750.3	66078.0	50234.7	38993.9	31132.7	24526.1	18776.4	13676.2	9091.8	5367.1	3206.7
5°	93876.6	70899.1	53333.6	40772.2	32452.9	25558.2	19598.4	14358.7	9621.6	5678.5	3252.3
2.5°	98274.0	73856.9	55226.7	41855.1	33254.9	26183.9	20096.0	14771.3	9941.6	5866.4	3279.8
0°	99761.4	74854.2	55863.6	42218.8	33523.9	26393.6	20262.6	14909.4	10048.6	5929.2	3289.0
-2.5°	98274.0	73856.9	55226.7	41855.1	33254.9	26183.9	20096.0	14771.3	9941.6	5866.4	3279.8
-5°	93876.6	70899.1	53333.6	40772.2	32452.9	25558.2	19598.4	14358.7	9621.6	5678.5	3252.3
-7.5°	86750.3	66078.0	50234.7	38993.9	31132.7	24526.1	18776.4	13676.2	9091.8	5367.1	3206.7
-10°	77158.2	59538.4	46006.8	36557.0	29317.2	23103.0	17640.5	12731.4	8357.2	4934.9	3143.3
-12.5°	67649.2	52695.5	41279.6	33510.7	27036.0	21308.7	16204.4	11534.1	7424.7	4385.3	3062.6
-15°	57274.9	45909.9	37333.8	30551.1	24613.3	19305.7	14523.6	10096.5	6302.4	3722.6	2965.1
-17.5°	48566.8	39706.7	32981.5	27176.9	21940.6	17153.8	12720.4	8678.3	5333.4	3235.1	2855.9
-20°	40511.5	34378.9	28936.7	23847.5	19124.8	14758.6	10693.2	7087.2	4389.2	3095.6	2761.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	34378.9	29531.7	24819.4	20345.7	16279.7	12355.9	8701.9	5544.1	3342.6	2940.6	2657.3
-25°	28936.7	24819.4	20813.3	17060.6	13373.6	9803.4	6648.6	4317.4	3115.2	2797.2	2540.5
-27.5°	23847.5	20345.7	17060.6	13716.3	10418.4	7454.7	4980.7	3242.7	2918.6	2663.7	2401.6
-30°	19124.8	16279.7	13373.6	10418.4	7725.9	5316.5	3486.1	3018.9	2752.0	2516.4	2252.8
-32.5°	14758.6	12355.9	9803.4	7454.7	5316.5	3649.7	3069.5	2805.8	2590.6	2347.2	2130.2
-35°	10693.2	8701.9	6648.6	4980.7	3486.1	3069.5	2823.8	2625.7	2404.6	2183.1	2012.0
-37.5°	7087.2	5544.1	4317.4	3242.7	3018.9	2805.8	2625.7	2423.8	2209.7	2051.1	1909.1
-40°	4389.2	3342.6	3115.2	2918.6	2752.0	2590.6	2404.6	2209.7	2064.2	1928.4	1811.8
-42.5°	3095.6	2940.6	2797.2	2663.7	2516.4	2347.2	2183.1	2051.1	1928.4	1821.3	1688.0
-45°	2761.9	2657.3	2540.5	2401.6	2252.8	2130.2	2012.0	1909.1	1811.8	1688.0	1553.6
-47.5°	2479.1	2370.9	2252.0	2150.3	2052.1	1954.0	1870.7	1781.4	1663.9	1538.1	1372.7
-50°	2183.6	2112.8	2034.9	1955.9	1887.2	1814.0	1721.1	1616.1	1491.7	1342.1	1184.8
-52.5°	1965.6	1916.4	1862.2	1803.3	1725.3	1637.9	1542.7	1415.1	1281.4	1137.7	987.0
-55°	1798.3	1742.6	1678.5	1608.6	1526.9	1421.5	1309.5	1189.1	1060.1	925.3	799.2
-57.5°	1584.3	1524.2	1447.4	1363.7	1273.2	1173.5	1066.2	952.8	842.8	730.9	617.8
-60°	1309.5	1246.2	1173.5	1093.9	1007.9	916.4	828.1	734.8	636.6	550.9	461.9
-62.5°	1015.1	955.5	892.9	828.1	758.0	682.7	607.8	537.2	462.9	387.8	331.2
-65°	738.1	689.9	636.6	587.8	535.3	478.9	418.7	366.9	320.0	270.9	222.7
-67.5°	497.5	461.9	422.5	383.8	351.1	316.0	278.5	238.7	209.3	183.5	156.5
-70°	310.5	288.7	264.4	237.8	216.5	198.3	178.8	158.2	136.4	117.8	100.5
-72.5°	184.5	173.3	161.0	147.4	132.7	120.2	108.0	95.0	81.3	66.9	55.5
-75°	102.8	95.9	88.3	80.0	70.9	61.2	55.1	50.5	45.8	40.7	35.4
-77.5°	49.2	46.9	44.3	41.5	38.4	35.1	31.6	28.7	27.4	26.1	24.7
-80°	26.9	26.3	25.7	25.0	24.2	23.4	22.5	21.5	20.5	19.5	18.4
-82.5°	18.3	17.9	17.4	16.9	16.3	15.7	15.0	14.3	13.6	12.8	12.0
-85°	10.2	10.1	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7
-87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
-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: P1305440 (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°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7
85°	7.4	7.0	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
82.5°	11.1	10.5	9.9	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
80°	17.2	16.0	14.8	13.5	12.2	10.9	10.0	9.2	8.3	7.5	6.6
77.5°	23.3	21.8	20.3	18.7	17.0	15.3	13.6	11.8	10.4	9.3	8.2
75°	29.9	27.6	25.7	23.8	21.8	19.8	17.7	15.6	13.4	11.2	9.7
72.5°	49.1	42.4	35.5	28.9	26.5	24.2	21.8	19.3	16.8	14.2	11.6
70°	82.5	63.8	52.5	44.3	35.9	28.5	25.8	23.0	20.1	17.2	14.2
67.5°	128.5	107.4	85.7	63.2	50.7	41.1	31.2	26.6	23.4	20.1	16.8
65°	191.4	158.9	126.4	101.4	75.8	54.6	43.6	32.4	26.6	23.0	19.3
62.5°	272.4	217.9	181.0	143.0	111.0	82.2	55.9	43.6	31.2	25.8	21.8
60°	377.1	310.5	241.9	194.4	151.9	114.2	82.2	54.6	41.1	28.5	24.2
57.5°	517.5	413.9	333.6	257.2	198.8	151.9	111.0	75.8	50.7	35.9	26.5
55°	668.8	551.2	436.2	341.3	257.2	194.4	143.0	101.4	63.2	44.3	28.9
52.5°	840.5	696.1	562.4	436.2	333.6	241.9	181.0	126.4	85.7	52.5	35.5
50°	1018.1	854.3	696.1	551.2	413.9	310.5	217.9	158.9	107.4	63.8	42.4
47.5°	1200.5	1018.1	840.5	668.8	517.5	377.1	272.4	191.4	128.5	82.5	49.1
45°	1372.7	1184.8	987.0	799.2	617.8	461.9	331.2	222.7	156.5	100.5	55.5
42.5°	1538.1	1342.1	1137.7	925.3	730.9	550.9	387.8	270.9	183.5	117.8	66.9
40°	1663.9	1491.7	1281.4	1060.1	842.8	636.6	462.9	320.0	209.3	136.4	81.3
37.5°	1781.4	1616.1	1415.1	1189.1	952.8	734.8	537.2	366.9	238.7	158.2	95.0
35°	1870.7	1721.1	1542.7	1309.5	1066.2	828.1	607.8	418.7	278.5	178.8	108.0
32.5°	1954.0	1814.0	1637.9	1421.5	1173.5	916.4	682.7	478.9	316.0	198.3	120.2
30°	2052.1	1887.2	1725.3	1526.9	1273.2	1007.9	758.0	535.3	351.1	216.5	132.7
27.5°	2150.3	1955.9	1803.3	1608.6	1363.7	1093.9	828.1	587.8	383.8	237.8	147.4
25°	2252.0	2034.9	1862.2	1678.5	1447.4	1173.5	892.9	636.6	422.5	264.4	161.0
22.5°	2370.9	2112.8	1916.4	1742.6	1524.2	1246.2	955.5	689.9	461.9	288.7	173.3
20°	2479.1	2183.6	1965.6	1798.3	1584.3	1309.5	1015.1	738.1	497.5	310.5	184.5
17.5°	2574.4	2259.4	2021.3	1838.6	1631.7	1365.8	1068.2	780.9	529.2	329.9	194.4
15°	2650.7	2337.9	2072.4	1873.9	1673.1	1415.1	1114.6	818.3	556.8	346.9	203.0
12.5°	2716.0	2405.0	2116.1	1904.0	1708.5	1457.1	1154.0	850.1	580.3	361.3	210.3
10°	2770.0	2460.5	2152.1	1928.8	1737.6	1491.7	1186.5	876.3	599.6	373.1	216.3
7.5°	2812.4	2504.0	2180.4	1948.3	1760.4	1518.7	1211.9	896.7	614.7	382.4	221.0
5°	2842.9	2535.2	2200.6	1962.2	1776.8	1538.1	1230.1	911.4	625.5	389.0	224.4
2.5°	2861.3	2554.0	2212.8	1970.6	1786.6	1549.7	1241.0	920.2	632.0	393.0	226.4
0°	2867.4	2560.3	2216.9	1973.4	1789.9	1553.6	1244.7	923.1	634.2	394.3	227.1
-2.5°	2861.3	2554.0	2212.8	1970.6	1786.6	1549.7	1241.0	920.2	632.0	393.0	226.4
-5°	2842.9	2535.2	2200.6	1962.2	1776.8	1538.1	1230.1	911.4	625.5	389.0	224.4
-7.5°	2812.4	2504.0	2180.4	1948.3	1760.4	1518.7	1211.9	896.7	614.7	382.4	221.0
-10°	2770.0	2460.5	2152.1	1928.8	1737.6	1491.7	1186.5	876.3	599.6	373.1	216.3
-12.5°	2716.0	2405.0	2116.1	1904.0	1708.5	1457.1	1154.0	850.1	580.3	361.3	210.3
-15°	2650.7	2337.9	2072.4	1873.9	1673.1	1415.1	1114.6	818.3	556.8	346.9	203.0
-17.5°	2574.4	2259.4	2021.3	1838.6	1631.7	1365.8	1068.2	780.9	529.2	329.9	194.4
-20°	2479.1	2183.6	1965.6	1798.3	1584.3	1309.5	1015.1	738.1	497.5	310.5	184.5



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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°	2370.9	2112.8	1916.4	1742.6	1524.2	1246.2	955.5	689.9	461.9	288.7	173.3
-25°	2252.0	2034.9	1862.2	1678.5	1447.4	1173.5	892.9	636.6	422.5	264.4	161.0
-27.5°	2150.3	1955.9	1803.3	1608.6	1363.7	1093.9	828.1	587.8	383.8	237.8	147.4
-30°	2052.1	1887.2	1725.3	1526.9	1273.2	1007.9	758.0	535.3	351.1	216.5	132.7
-32.5°	1954.0	1814.0	1637.9	1421.5	1173.5	916.4	682.7	478.9	316.0	198.3	120.2
-35°	1870.7	1721.1	1542.7	1309.5	1066.2	828.1	607.8	418.7	278.5	178.8	108.0
-37.5°	1781.4	1616.1	1415.1	1189.1	952.8	734.8	537.2	366.9	238.7	158.2	95.0
-40°	1663.9	1491.7	1281.4	1060.1	842.8	636.6	462.9	320.0	209.3	136.4	81.3
-42.5°	1538.1	1342.1	1137.7	925.3	730.9	550.9	387.8	270.9	183.5	117.8	66.9
-45°	1372.7	1184.8	987.0	799.2	617.8	461.9	331.2	222.7	156.5	100.5	55.5
-47.5°	1200.5	1018.1	840.5	668.8	517.5	377.1	272.4	191.4	128.5	82.5	49.1
-50°	1018.1	854.3	696.1	551.2	413.9	310.5	217.9	158.9	107.4	63.8	42.4
-52.5°	840.5	696.1	562.4	436.2	333.6	241.9	181.0	126.4	85.7	52.5	35.5
-55°	668.8	551.2	436.2	341.3	257.2	194.4	143.0	101.4	63.2	44.3	28.9
-57.5°	517.5	413.9	333.6	257.2	198.8	151.9	111.0	75.8	50.7	35.9	26.5
-60°	377.1	310.5	241.9	194.4	151.9	114.2	82.2	54.6	41.1	28.5	24.2
-62.5°	272.4	217.9	181.0	143.0	111.0	82.2	55.9	43.6	31.2	25.8	21.8
-65°	191.4	158.9	126.4	101.4	75.8	54.6	43.6	32.4	26.6	23.0	19.3
-67.5°	128.5	107.4	85.7	63.2	50.7	41.1	31.2	26.6	23.4	20.1	16.8
-70°	82.5	63.8	52.5	44.3	35.9	28.5	25.8	23.0	20.1	17.2	14.2
-72.5°	49.1	42.4	35.5	28.9	26.5	24.2	21.8	19.3	16.8	14.2	11.6
-75°	29.9	27.6	25.7	23.8	21.8	19.8	17.7	15.6	13.4	11.2	9.7
-77.5°	23.3	21.8	20.3	18.7	17.0	15.3	13.6	11.8	10.4	9.3	8.2
-80°	17.2	16.0	14.8	13.5	12.2	10.9	10.0	9.2	8.3	7.5	6.6
-82.5°	11.1	10.5	9.9	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
-85°	7.4	7.0	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
-87.5°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7
-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):**

	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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
75°	8.4	7.0	5.7	4.3	2.8	1.4	0.0
72.5°	9.7	8.2	6.6	4.9	3.3	1.7	0.0
70°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
67.5°	13.4	10.4	8.3	6.3	4.2	2.1	0.0
65°	15.6	11.8	9.2	6.9	4.6	2.3	0.0
62.5°	17.7	13.6	10.0	7.6	5.1	2.5	0.0
60°	19.8	15.3	10.9	8.2	5.5	2.7	0.0
57.5°	21.8	17.0	12.2	8.8	5.9	3.0	0.0
55°	23.8	18.7	13.5	9.4	6.3	3.2	0.0
52.5°	25.7	20.3	14.8	9.9	6.7	3.3	0.0
50°	27.6	21.8	16.0	10.5	7.0	3.5	0.0
47.5°	29.9	23.3	17.2	11.1	7.4	3.7	0.0
45°	35.4	24.7	18.4	12.0	7.7	3.9	0.0
42.5°	40.7	26.1	19.5	12.8	8.1	4.1	0.0
40°	45.8	27.4	20.5	13.6	8.4	4.2	0.0
37.5°	50.5	28.7	21.5	14.3	8.7	4.4	0.0
35°	55.1	31.6	22.5	15.0	8.9	4.5	0.0
32.5°	61.2	35.1	23.4	15.7	9.2	4.6	0.0
30°	70.9	38.4	24.2	16.3	9.5	4.8	0.0
27.5°	80.0	41.5	25.0	16.9	9.7	4.9	0.0
25°	88.3	44.3	25.7	17.4	9.9	5.0	0.0
22.5°	95.9	46.9	26.3	17.9	10.1	5.1	0.0
20°	102.8	49.2	26.9	18.3	10.2	5.2	0.0
17.5°	108.9	51.3	27.4	18.7	10.4	5.2	0.0
15°	114.2	53.1	27.8	19.1	10.5	5.3	0.0
12.5°	118.7	54.6	28.2	19.3	10.6	5.4	0.0
10°	122.4	55.9	28.5	19.6	10.7	5.4	0.0
7.5°	125.3	56.8	28.8	19.8	10.8	5.5	0.0
5°	127.3	57.5	29.0	19.9	10.9	5.5	0.0
2.5°	128.6	58.0	29.1	20.0	10.9	5.5	0.0
0°	129.0	58.1	29.1	20.0	10.9	5.5	0.0
-2.5°	128.6	58.0	29.1	20.0	10.9	5.5	0.0
-5°	127.3	57.5	29.0	19.9	10.9	5.5	0.0
-7.5°	125.3	56.8	28.8	19.8	10.8	5.5	0.0
-10°	122.4	55.9	28.5	19.6	10.7	5.4	0.0
-12.5°	118.7	54.6	28.2	19.3	10.6	5.4	0.0
-15°	114.2	53.1	27.8	19.1	10.5	5.3	0.0
-17.5°	108.9	51.3	27.4	18.7	10.4	5.2	0.0
-20°	102.8	49.2	26.9	18.3	10.2	5.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	95.9	46.9	26.3	17.9	10.1	5.1	0.0
-25°	88.3	44.3	25.7	17.4	9.9	5.0	0.0
-27.5°	80.0	41.5	25.0	16.9	9.7	4.9	0.0
-30°	70.9	38.4	24.2	16.3	9.5	4.8	0.0
-32.5°	61.2	35.1	23.4	15.7	9.2	4.6	0.0
-35°	55.1	31.6	22.5	15.0	8.9	4.5	0.0
-37.5°	50.5	28.7	21.5	14.3	8.7	4.4	0.0
-40°	45.8	27.4	20.5	13.6	8.4	4.2	0.0
-42.5°	40.7	26.1	19.5	12.8	8.1	4.1	0.0
-45°	35.4	24.7	18.4	12.0	7.7	3.9	0.0
-47.5°	29.9	23.3	17.2	11.1	7.4	3.7	0.0
-50°	27.6	21.8	16.0	10.5	7.0	3.5	0.0
-52.5°	25.7	20.3	14.8	9.9	6.7	3.3	0.0
-55°	23.8	18.7	13.5	9.4	6.3	3.2	0.0
-57.5°	21.8	17.0	12.2	8.8	5.9	3.0	0.0
-60°	19.8	15.3	10.9	8.2	5.5	2.7	0.0
-62.5°	17.7	13.6	10.0	7.6	5.1	2.5	0.0
-65°	15.6	11.8	9.2	6.9	4.6	2.3	0.0
-67.5°	13.4	10.4	8.3	6.3	4.2	2.1	0.0
-70°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
-72.5°	9.7	8.2	6.6	4.9	3.3	1.7	0.0
-75°	8.4	7.0	5.7	4.3	2.8	1.4	0.0
-77.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-80°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)