

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: P1305415 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-3S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

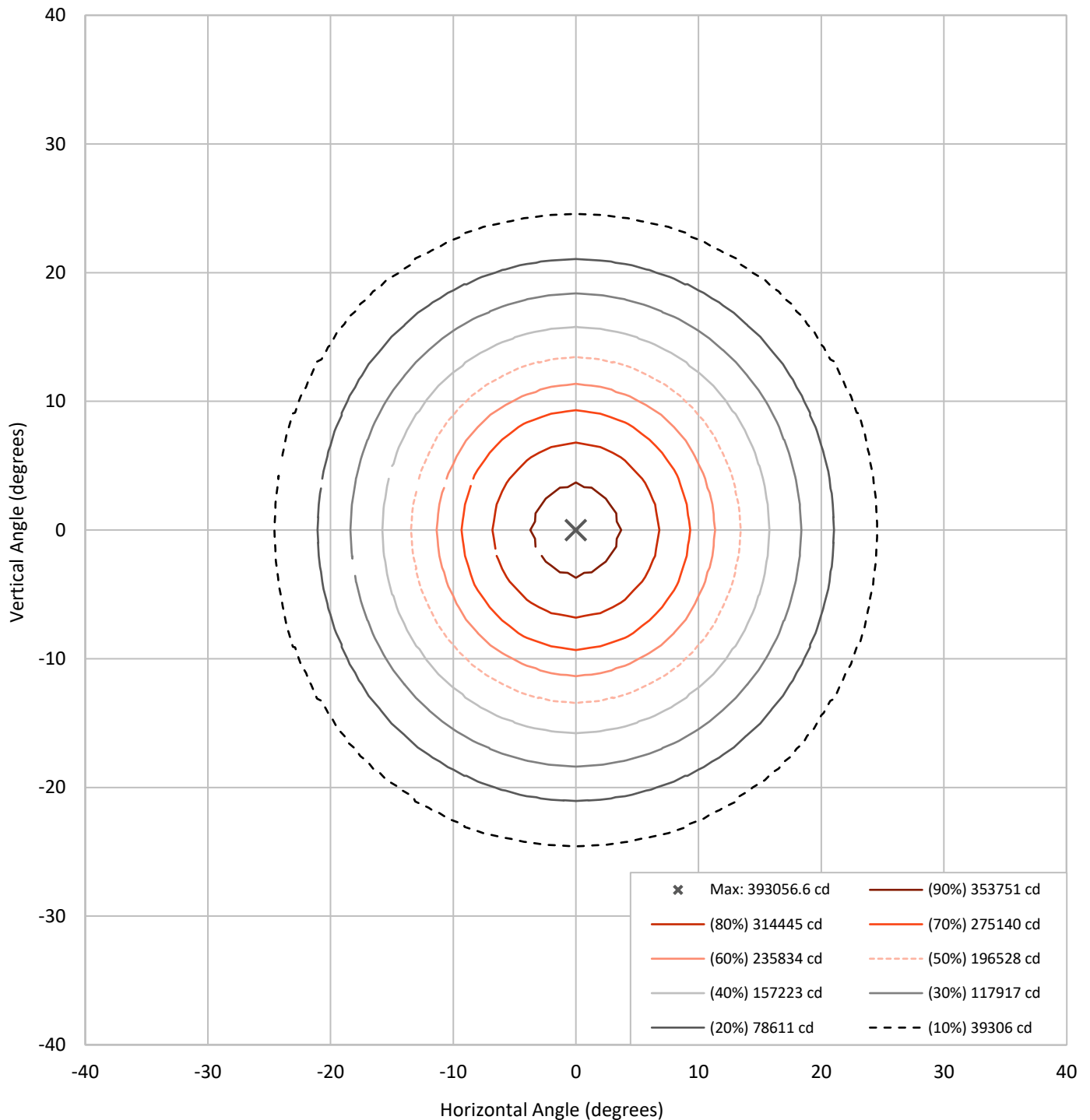
Test Method: LM-79-08  
Report Number: P1305415 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680R-40-70-3S-HEG-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	106159.4 lumens	Max Intensity:	393056.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	26.9°H x 26.9°V	Field Angle (10%):	48.9°H x 48.9°V
Beam Lumens:	46029.1 lumens	Field Lumens:	88122.7 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
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





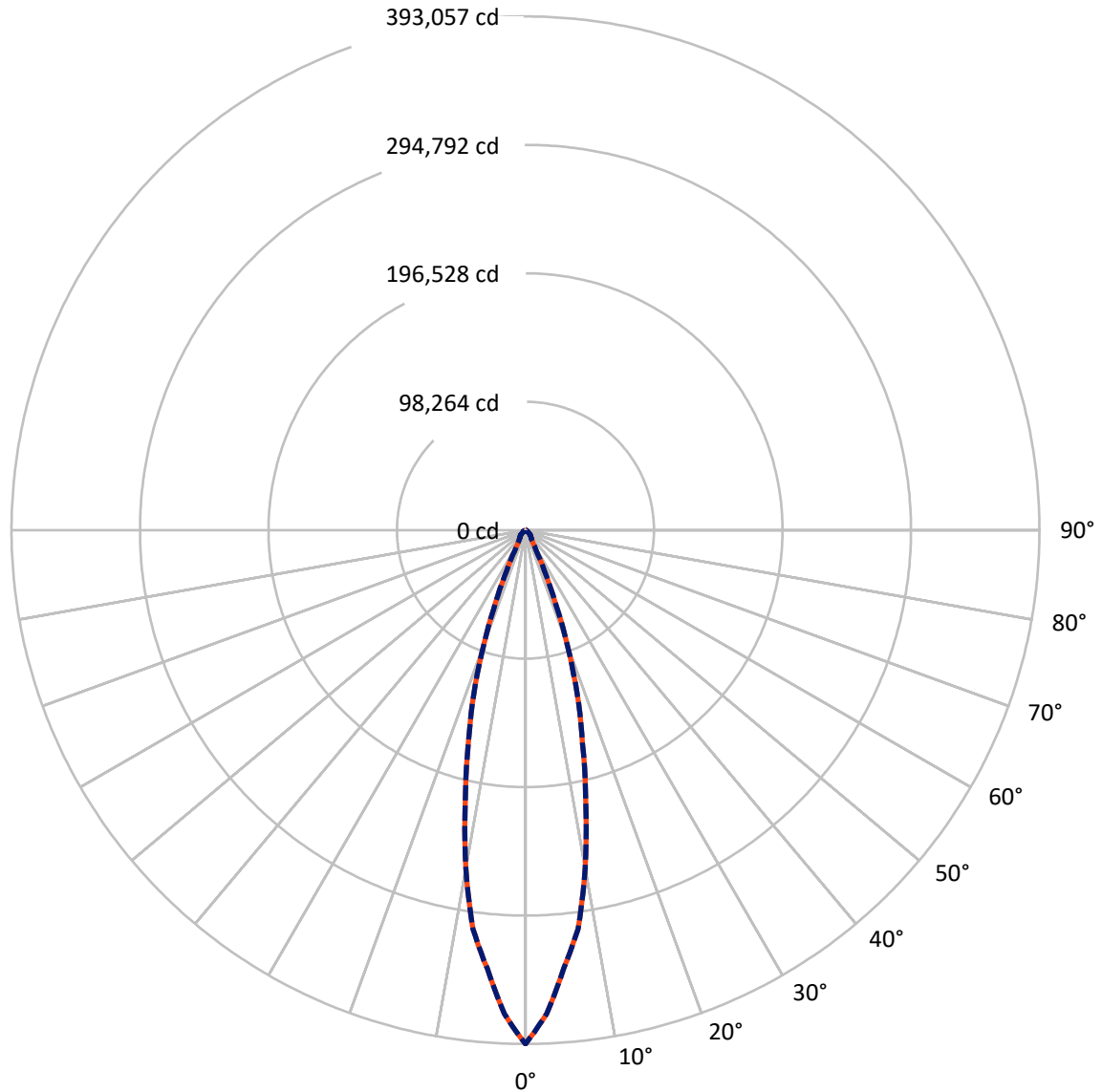
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### Lumen Table

90	0.1	0.9		3.7		9.6		12.8		9.6		3.7		0.9		0.1			
80	0.1	0.9		3.7		9.6		12.8		9.6		3.7		0.9		0.1			
70	0.4	0.5	2.3	7.1	13.9	21.0	27.0	30.2	30.2	27.0	21.0	13.9	7.1	2.3	0.5	0.4			
60		1.8	8.2	19.3	33.2	47.4	58.7	64.9	64.9	58.7	47.4	33.2	19.3	8.2	1.8				
50	1.2	4.4	15.8	33.6	55.6	87.5	125.3	147.0	147.0	125.3	87.5	55.6	33.6	15.8	4.4	1.2			
40		7.4	23.5	48.1	98.1	161.6	207.9	244.2	244.2	207.9	161.6	98.1	48.1	23.5	7.4				
30	2.8	10.1	30.3	68.9	146.3	231.6	535.5	1101.5	1101.5	535.5	231.6	146.3	68.9	30.3	10.1	2.8			
20		12.1	35.3	92.7	176.9	505.5	2343.0	4691.9	4691.9	2343.0	505.5	176.9	92.7	35.3	12.1				
10	3.6	13.2	37.8	105.4	201.9	1013.9	4563.5	9000.1	9000.1	4563.5	1013.9	201.9	105.4	37.8	13.2	3.6			
0		13.2	37.8	105.4	201.9	1013.9	4563.5	9000.1	9000.1	4563.5	1013.9	201.9	105.4	37.8	13.2				
-10	2.8	12.1	35.3	92.7	176.9	505.5	2343.0	4691.9	4691.9	2343.0	505.5	176.9	92.7	35.3	12.1	2.8			
-20		10.1	30.3	68.9	146.3	231.6	535.5	1101.5	1101.5	535.5	231.6	146.3	68.9	30.3	10.1				
-30	1.2	7.4	23.5	48.1	98.1	161.6	207.9	244.2	244.2	207.9	161.6	98.1	48.1	23.5	7.4	1.2			
-40		4.4	15.8	33.6	55.6	87.5	125.3	147.0	147.0	125.3	87.5	55.6	33.6	15.8	4.4				
-50	0.4	1.8	8.2	19.3	33.2	47.4	58.7	64.9	64.9	58.7	47.4	33.2	19.3	8.2	1.8	0.4			
-60		0.5	2.3	7.1	13.9	21.0	27.0	30.2	30.2	27.0	21.0	13.9	7.1	2.3	0.5				
-70	0.1	0.9		3.7		9.6		12.8		9.6		3.7		0.9		0.1			
-80		0.9		3.7		9.6		12.8		9.6		3.7		0.9					
-90	0.1	0.9		3.7		9.6		12.8		9.6		3.7		0.9		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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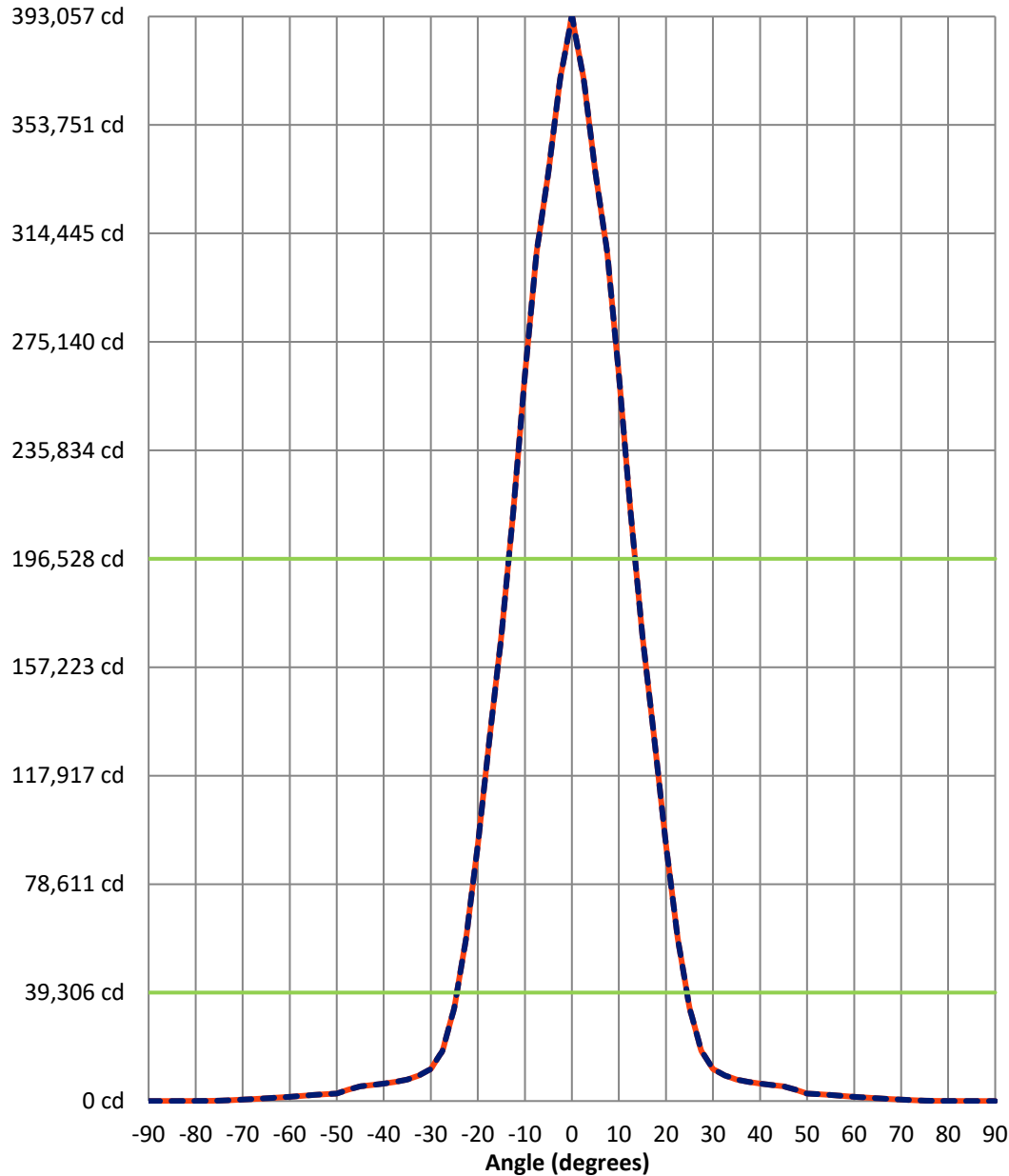
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 26.9°  
 V Angle: 26.9°  
 Lumens: 46029.1  
 Efficiency: 43.4%

**Field:**  
 H Angle: 48.9°  
 V Angle: 48.9°  
 Lumens: 88122.7  
 Efficiency: 83.0%

**Spill:**  
 Lumens: 18036.7  
 Efficiency: 17.0%

— 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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
85°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.4	6.0
82.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.2	7.9	8.5
80°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.2	9.1	9.9	10.8
77.5°	0.0	1.5	3.1	4.6	6.1	7.5	8.6	9.8	10.9	12.0	13.4
75°	0.0	1.8	3.7	5.5	7.3	8.6	10.0	11.3	12.8	14.9	17.1
72.5°	0.0	2.1	4.3	6.4	8.2	9.8	11.3	13.2	15.7	18.2	20.7
70°	0.0	2.4	4.9	7.2	9.1	10.9	12.8	15.7	18.6	21.5	25.5
67.5°	0.0	2.7	5.4	7.9	9.9	12.0	14.9	18.2	21.5	26.0	30.4
65°	0.0	3.0	6.0	8.5	10.8	13.4	17.1	20.7	25.5	30.4	36.8
62.5°	0.0	3.3	6.6	9.2	11.6	15.1	19.1	23.8	29.3	35.7	46.4
60°	0.0	3.5	7.1	9.8	12.5	16.8	21.2	27.1	33.1	44.2	55.9
57.5°	0.0	3.8	7.5	10.4	13.8	18.5	23.9	30.4	39.8	52.6	80.3
55°	0.0	4.1	7.9	11.0	15.0	20.1	26.6	33.6	47.0	65.1	111.4
52.5°	0.0	4.3	8.3	11.5	16.3	21.8	29.2	39.4	54.1	92.2	141.6
50°	0.0	4.6	8.6	12.1	17.5	23.9	31.8	45.3	65.8	118.6	196.5
47.5°	0.0	4.8	9.0	12.7	18.7	25.9	34.6	51.1	88.4	144.1	252.6
45°	0.0	5.0	9.3	13.6	19.8	27.9	39.4	56.7	110.2	192.2	306.8
42.5°	0.0	5.2	9.7	14.4	20.9	29.8	43.9	69.5	131.2	238.9	370.6
40°	0.0	5.4	10.0	15.1	22.1	31.6	48.3	87.0	157.5	283.6	433.6
37.5°	0.0	5.6	10.3	15.9	23.5	33.3	52.4	103.6	195.2	329.3	493.6
35°	0.0	5.8	10.5	16.6	24.8	36.0	56.3	119.3	230.9	380.3	550.1
32.5°	0.0	6.0	10.8	17.2	26.0	39.1	62.6	134.1	264.5	428.4	602.5
30°	0.0	6.1	11.1	17.8	27.1	41.9	74.4	151.1	296.0	473.5	651.6
27.5°	0.0	6.3	11.3	18.4	28.2	44.6	85.4	176.6	328.2	515.3	697.3
25°	0.0	6.4	11.5	18.9	29.2	47.0	95.5	200.0	362.2	553.3	740.0
22.5°	0.0	6.6	11.7	19.4	30.1	49.2	104.7	221.4	393.3	587.7	788.8
20°	0.0	6.7	11.8	19.8	30.9	51.3	113.0	240.7	421.4	618.7	832.8
17.5°	0.0	6.8	12.0	20.2	31.6	53.0	120.4	257.8	446.3	646.3	872.0
15°	0.0	6.9	12.1	20.5	32.2	54.6	126.8	272.7	468.0	670.4	906.2
12.5°	0.0	6.9	12.2	20.8	32.7	55.9	132.2	285.4	486.5	690.9	935.3
10°	0.0	7.0	12.3	21.0	33.1	57.0	136.7	295.8	501.7	707.7	959.3
7.5°	0.0	7.0	12.4	21.2	33.5	57.8	140.2	303.9	513.5	720.8	978.0
5°	0.0	7.1	12.5	21.3	33.7	58.4	142.7	309.7	522.0	730.3	991.4
2.5°	0.0	7.1	12.5	21.4	33.9	58.8	144.2	313.2	527.1	735.9	999.4
0°	0.0	7.1	12.5	21.4	33.9	58.9	144.7	314.4	528.8	737.8	1002.1
-2.5°	0.0	7.1	12.5	21.4	33.9	58.8	144.2	313.2	527.1	735.9	999.4
-5°	0.0	7.1	12.5	21.3	33.7	58.4	142.7	309.7	522.0	730.3	991.4
-7.5°	0.0	7.0	12.4	21.2	33.5	57.8	140.2	303.9	513.5	720.8	978.0
-10°	0.0	7.0	12.3	21.0	33.1	57.0	136.7	295.8	501.7	707.7	959.3
-12.5°	0.0	6.9	12.2	20.8	32.7	55.9	132.2	285.4	486.5	690.9	935.3
-15°	0.0	6.9	12.1	20.5	32.2	54.6	126.8	272.7	468.0	670.4	906.2
-17.5°	0.0	6.8	12.0	20.2	31.6	53.0	120.4	257.8	446.3	646.3	872.0
-20°	0.0	6.7	11.8	19.8	30.9	51.3	113.0	240.7	421.4	618.7	832.8



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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	6.6	11.7	19.4	30.1	49.2	104.7	221.4	393.3	587.7	788.8
-25°	0.0	6.4	11.5	18.9	29.2	47.0	95.5	200.0	362.2	553.3	740.0
-27.5°	0.0	6.3	11.3	18.4	28.2	44.6	85.4	176.6	328.2	515.3	697.3
-30°	0.0	6.1	11.1	17.8	27.1	41.9	74.4	151.1	296.0	473.5	651.6
-32.5°	0.0	6.0	10.8	17.2	26.0	39.1	62.6	134.1	264.5	428.4	602.5
-35°	0.0	5.8	10.5	16.6	24.8	36.0	56.3	119.3	230.9	380.3	550.1
-37.5°	0.0	5.6	10.3	15.9	23.5	33.3	52.4	103.6	195.2	329.3	493.6
-40°	0.0	5.4	10.0	15.1	22.1	31.6	48.3	87.0	157.5	283.6	433.6
-42.5°	0.0	5.2	9.7	14.4	20.9	29.8	43.9	69.5	131.2	238.9	370.6
-45°	0.0	5.0	9.3	13.6	19.8	27.9	39.4	56.7	110.2	192.2	306.8
-47.5°	0.0	4.8	9.0	12.7	18.7	25.9	34.6	51.1	88.4	144.1	252.6
-50°	0.0	4.6	8.6	12.1	17.5	23.9	31.8	45.3	65.8	118.6	196.5
-52.5°	0.0	4.3	8.3	11.5	16.3	21.8	29.2	39.4	54.1	92.2	141.6
-55°	0.0	4.1	7.9	11.0	15.0	20.1	26.6	33.6	47.0	65.1	111.4
-57.5°	0.0	3.8	7.5	10.4	13.8	18.5	23.9	30.4	39.8	52.6	80.3
-60°	0.0	3.5	7.1	9.8	12.5	16.8	21.2	27.1	33.1	44.2	55.9
-62.5°	0.0	3.3	6.6	9.2	11.6	15.1	19.1	23.8	29.3	35.7	46.4
-65°	0.0	3.0	6.0	8.5	10.8	13.4	17.1	20.7	25.5	30.4	36.8
-67.5°	0.0	2.7	5.4	7.9	9.9	12.0	14.9	18.2	21.5	26.0	30.4
-70°	0.0	2.4	4.9	7.2	9.1	10.9	12.8	15.7	18.6	21.5	25.5
-72.5°	0.0	2.1	4.3	6.4	8.2	9.8	11.3	13.2	15.7	18.2	20.7
-75°	0.0	1.8	3.7	5.5	7.3	8.6	10.0	11.3	12.8	14.9	17.1
-77.5°	0.0	1.5	3.1	4.6	6.1	7.5	8.6	9.8	10.9	12.0	13.4
-80°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.2	9.1	9.9	10.8
-82.5°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.2	7.9	8.5
-85°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.4	6.0
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-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°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
85°	6.6	7.1	7.5	7.9	8.3	8.6	9.0	9.3	9.7	10.0	10.3
82.5°	9.2	9.8	10.4	11.0	11.5	12.1	12.7	13.6	14.4	15.1	15.9
80°	11.6	12.5	13.8	15.0	16.3	17.5	18.7	19.8	20.9	22.1	23.5
77.5°	15.1	16.8	18.5	20.1	21.8	23.9	25.9	27.9	29.8	31.6	33.3
75°	19.1	21.2	23.9	26.6	29.2	31.8	34.6	39.4	43.9	48.3	52.4
72.5°	23.8	27.1	30.4	33.6	39.4	45.3	51.1	56.7	69.5	87.0	103.6
70°	29.3	33.1	39.8	47.0	54.1	65.8	88.4	110.2	131.2	157.5	195.2
67.5°	35.7	44.2	52.6	65.1	92.2	118.6	144.1	192.2	238.9	283.6	329.3
65°	46.4	55.9	80.3	111.4	141.6	196.5	252.6	306.8	370.6	433.6	493.6
62.5°	57.0	88.0	122.9	169.0	234.7	298.5	372.5	447.9	520.5	588.6	653.3
60°	88.0	126.8	184.3	257.8	333.3	421.4	506.7	587.7	665.2	740.0	829.8
57.5°	122.9	184.3	265.5	353.0	450.9	545.9	636.2	723.5	826.3	928.6	1027.0
55°	169.0	257.8	353.0	460.8	565.3	665.5	769.4	888.7	1003.9	1117.0	1225.3
52.5°	234.7	333.3	450.9	565.3	675.3	794.4	926.5	1055.7	1182.2	1303.1	1416.8
50°	298.5	421.4	545.9	665.5	794.4	939.1	1081.8	1221.6	1354.7	1481.8	1620.5
47.5°	372.5	506.7	636.2	769.4	926.5	1081.8	1234.8	1380.7	1521.3	1686.2	1848.0
45°	447.9	587.7	723.5	888.7	1055.7	1221.6	1380.7	1534.5	1719.4	1900.0	2080.1
42.5°	520.5	665.2	826.3	1003.9	1182.2	1354.7	1521.3	1719.4	1917.6	2115.8	2289.0
40°	588.6	740.0	928.6	1117.0	1303.1	1481.8	1686.2	1900.0	2115.8	2304.2	2472.9
37.5°	653.3	829.8	1027.0	1225.3	1416.8	1620.5	1848.0	2080.1	2289.0	2472.9	2622.2
35°	714.8	915.2	1122.1	1327.0	1525.2	1764.9	2009.1	2243.7	2442.0	2609.1	3020.3
32.5°	782.1	995.9	1212.1	1422.2	1650.5	1904.2	2163.1	2380.8	2570.0	2856.4	3860.3
30°	851.0	1073.2	1296.1	1511.8	1770.7	2039.6	2290.3	2505.7	2685.3	3609.6	4572.1
27.5°	915.2	1145.4	1373.0	1610.2	1884.3	2166.6	2404.1	2607.1	3197.6	4291.4	5199.0
25°	974.5	1212.1	1444.3	1706.3	1993.4	2270.2	2505.1	2701.7	3820.3	4841.8	5517.2
22.5°	1029.3	1273.2	1509.5	1794.5	2093.6	2360.6	2586.1	3167.6	4352.9	5338.4	5742.1
20°	1079.3	1327.0	1576.7	1875.2	2184.5	2442.7	2659.8	3655.7	4787.0	5530.3	5957.3
17.5°	1123.8	1374.9	1641.9	1949.7	2254.5	2510.2	2781.0	4094.0	5177.8	5703.5	6156.1
15°	1162.7	1416.8	1699.0	2014.9	2313.7	2563.6	3136.8	4421.6	5408.1	5859.3	6333.4
12.5°	1195.8	1452.5	1747.6	2070.6	2364.4	2609.4	3441.6	4694.5	5529.6	5999.5	6519.9
10°	1223.1	1481.8	1787.7	2116.6	2406.1	2647.2	3693.7	4920.6	5630.4	6116.0	6675.2
7.5°	1244.4	1504.8	1819.1	2152.5	2438.8	2676.8	3891.4	5098.1	5709.6	6207.7	6797.8
5°	1259.7	1521.3	1841.6	2178.3	2462.3	2698.1	4033.6	5225.8	5766.7	6273.9	6886.4
2.5°	1268.8	1531.2	1855.1	2193.8	2476.5	2710.9	4119.3	5302.9	5801.2	6313.8	6939.9
0°	1271.9	1534.5	1859.6	2199.0	2481.2	2715.2	4147.9	5328.6	5812.7	6327.2	6957.8
-2.5°	1268.8	1531.2	1855.1	2193.8	2476.5	2710.9	4119.3	5302.9	5801.2	6313.8	6939.9
-5°	1259.7	1521.3	1841.6	2178.3	2462.3	2698.1	4033.6	5225.8	5766.7	6273.9	6886.4
-7.5°	1244.4	1504.8	1819.1	2152.5	2438.8	2676.8	3891.4	5098.1	5709.6	6207.7	6797.8
-10°	1223.1	1481.8	1787.7	2116.6	2406.1	2647.2	3693.7	4920.6	5630.4	6116.0	6675.2
-12.5°	1195.8	1452.5	1747.6	2070.6	2364.4	2609.4	3441.6	4694.5	5529.6	5999.5	6519.9
-15°	1162.7	1416.8	1699.0	2014.9	2313.7	2563.6	3136.8	4421.6	5408.1	5859.3	6333.4
-17.5°	1123.8	1374.9	1641.9	1949.7	2254.5	2510.2	2781.0	4094.0	5177.8	5703.5	6156.1
-20°	1079.3	1327.0	1576.7	1875.2	2184.5	2442.7	2659.8	3655.7	4787.0	5530.3	5957.3



REPORT NUMBER: P1305415 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1029.3	1273.2	1509.5	1794.5	2093.6	2360.6	2586.1	3167.6	4352.9	5338.4	5742.1
-25°	974.5	1212.1	1444.3	1706.3	1993.4	2270.2	2505.1	2701.7	3820.3	4841.8	5517.2
-27.5°	915.2	1145.4	1373.0	1610.2	1884.3	2166.6	2404.1	2607.1	3197.6	4291.4	5199.0
-30°	851.0	1073.2	1296.1	1511.8	1770.7	2039.6	2290.3	2505.7	2685.3	3609.6	4572.1
-32.5°	782.1	995.9	1212.1	1422.2	1650.5	1904.2	2163.1	2380.8	2570.0	2856.4	3860.3
-35°	714.8	915.2	1122.1	1327.0	1525.2	1764.9	2009.1	2243.7	2442.0	2609.1	3020.3
-37.5°	653.3	829.8	1027.0	1225.3	1416.8	1620.5	1848.0	2080.1	2289.0	2472.9	2622.2
-40°	588.6	740.0	928.6	1117.0	1303.1	1481.8	1686.2	1900.0	2115.8	2304.2	2472.9
-42.5°	520.5	665.2	826.3	1003.9	1182.2	1354.7	1521.3	1719.4	1917.6	2115.8	2289.0
-45°	447.9	587.7	723.5	888.7	1055.7	1221.6	1380.7	1534.5	1719.4	1900.0	2080.1
-47.5°	372.5	506.7	636.2	769.4	926.5	1081.8	1234.8	1380.7	1521.3	1686.2	1848.0
-50°	298.5	421.4	545.9	665.5	794.4	939.1	1081.8	1221.6	1354.7	1481.8	1620.5
-52.5°	234.7	333.3	450.9	565.3	675.3	794.4	926.5	1055.7	1182.2	1303.1	1416.8
-55°	169.0	257.8	353.0	460.8	565.3	665.5	769.4	888.7	1003.9	1117.0	1225.3
-57.5°	122.9	184.3	265.5	353.0	450.9	545.9	636.2	723.5	826.3	928.6	1027.0
-60°	88.0	126.8	184.3	257.8	333.3	421.4	506.7	587.7	665.2	740.0	829.8
-62.5°	57.0	88.0	122.9	169.0	234.7	298.5	372.5	447.9	520.5	588.6	653.3
-65°	46.4	55.9	80.3	111.4	141.6	196.5	252.6	306.8	370.6	433.6	493.6
-67.5°	35.7	44.2	52.6	65.1	92.2	118.6	144.1	192.2	238.9	283.6	329.3
-70°	29.3	33.1	39.8	47.0	54.1	65.8	88.4	110.2	131.2	157.5	195.2
-72.5°	23.8	27.1	30.4	33.6	39.4	45.3	51.1	56.7	69.5	87.0	103.6
-75°	19.1	21.2	23.9	26.6	29.2	31.8	34.6	39.4	43.9	48.3	52.4
-77.5°	15.1	16.8	18.5	20.1	21.8	23.9	25.9	27.9	29.8	31.6	33.3
-80°	11.6	12.5	13.8	15.0	16.3	17.5	18.7	19.8	20.9	22.1	23.5
-82.5°	9.2	9.8	10.4	11.0	11.5	12.1	12.7	13.6	14.4	15.1	15.9
-85°	6.6	7.1	7.5	7.9	8.3	8.6	9.0	9.3	9.7	10.0	10.3
-87.5°	3.3	3.5	3.8	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6
-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: P1305415 (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°
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°	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9	6.9	7.0
85°	10.5	10.8	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3
82.5°	16.6	17.2	17.8	18.4	18.9	19.4	19.8	20.2	20.5	20.8	21.0
80°	24.8	26.0	27.1	28.2	29.2	30.1	30.9	31.6	32.2	32.7	33.1
77.5°	36.0	39.1	41.9	44.6	47.0	49.2	51.3	53.0	54.6	55.9	57.0
75°	56.3	62.6	74.4	85.4	95.5	104.7	113.0	120.4	126.8	132.2	136.7
72.5°	119.3	134.1	151.1	176.6	200.0	221.4	240.7	257.8	272.7	285.4	295.8
70°	230.9	264.5	296.0	328.2	362.2	393.3	421.4	446.3	468.0	486.5	501.7
67.5°	380.3	428.4	473.5	515.3	553.3	587.7	618.7	646.3	670.4	690.9	707.7
65°	550.1	602.5	651.6	697.3	740.0	788.8	832.8	872.0	906.2	935.3	959.3
62.5°	714.8	782.1	851.0	915.2	974.5	1029.3	1079.3	1123.8	1162.7	1195.8	1223.1
60°	915.2	995.9	1073.2	1145.4	1212.1	1273.2	1327.0	1374.9	1416.8	1452.5	1481.8
57.5°	1122.1	1212.1	1296.1	1373.0	1444.3	1509.5	1576.7	1641.9	1699.0	1747.6	1787.7
55°	1327.0	1422.2	1511.8	1610.2	1706.3	1794.5	1875.2	1949.7	2014.9	2070.6	2116.6
52.5°	1525.2	1650.5	1770.7	1884.3	1993.4	2093.6	2184.5	2254.5	2313.7	2364.4	2406.1
50°	1764.9	1904.2	2039.6	2166.6	2270.2	2360.6	2442.7	2510.2	2563.6	2609.4	2647.2
47.5°	2009.1	2163.1	2290.3	2404.1	2505.1	2586.1	2659.8	2781.0	3136.8	3441.6	3693.7
45°	2243.7	2380.8	2505.7	2607.1	2701.7	3167.6	3655.7	4094.0	4421.6	4694.5	4920.6
42.5°	2442.0	2570.0	2685.3	3197.6	3820.3	4352.9	4787.0	5177.8	5408.1	5529.6	5630.4
40°	2609.1	2856.4	3609.6	4291.4	4841.8	5338.4	5530.3	5703.5	5859.3	5999.5	6116.0
37.5°	3020.3	3860.3	4572.1	5199.0	5517.2	5742.1	5957.3	6156.1	6333.4	6519.9	6675.2
35°	3944.5	4714.0	5364.7	5638.8	5902.6	6159.0	6410.8	6673.8	6907.7	7160.5	7385.2
32.5°	4714.0	5394.7	5700.4	6003.2	6296.6	6626.5	6938.2	7309.0	7645.8	8050.3	8487.4
30°	5364.7	5700.4	6037.1	6375.2	6758.6	7172.2	7617.5	8204.2	8855.3	9499.1	10245.5
27.5°	5638.8	6003.2	6375.2	6803.0	7294.4	7815.7	8668.7	9545.2	10649.2	11617.6	13946.2
25°	5902.6	6296.6	6758.6	7294.4	7929.6	8905.5	10121.0	11444.4	14541.5	17565.2	22616.2
22.5°	6159.0	6626.5	7172.2	7815.7	8905.5	10315.7	12277.1	16359.9	22505.4	30264.3	38746.7
20°	6410.8	6938.2	7617.5	8668.7	10121.0	12277.1	16976.6	25543.4	35753.1	49473.6	62139.1
17.5°	6673.8	7309.0	8204.2	9545.2	11444.4	16359.9	25543.4	38375.6	55034.8	74038.3	91858.2
15°	6907.7	7645.8	8855.3	10649.2	14541.5	22505.4	35753.1	55034.8	78119.7	101678.3	124407.7
12.5°	7160.5	8050.3	9499.1	11617.6	17565.2	30264.3	49473.6	74038.3	101678.3	129928.2	154387.0
10°	7385.2	8487.4	10245.5	13946.2	22616.2	38746.7	62139.1	91858.2	124407.7	154387.0	183565.1
7.5°	7562.9	8834.0	10839.5	15813.6	27450.5	47395.5	75198.3	108487.2	142940.9	176166.6	213474.3
5°	7691.6	9085.4	11271.5	17176.4	30993.8	53771.7	84900.5	121083.6	156822.5	195554.3	238227.9
2.5°	7769.4	9237.8	11533.9	18006.2	33158.5	57683.4	90887.3	128920.2	165562.7	208564.6	256396.4
0°	<b>7795.5</b>	<b>9288.9</b>	<b>11621.9</b>	<b>18284.9</b>	<b>33886.7</b>	<b>59002.4</b>	<b>92912.3</b>	<b>131582.8</b>	<b>168552.6</b>	<b>213051.9</b>	<b>262935.1</b>
-2.5°	7769.4	9237.8	11533.9	18006.2	33158.5	57683.4	90887.3	128920.2	165562.7	208564.6	256396.4
-5°	7691.6	9085.4	11271.5	17176.4	30993.8	53771.7	84900.5	121083.6	156822.5	195554.3	238227.9
-7.5°	7562.9	8834.0	10839.5	15813.6	27450.5	47395.5	75198.3	108487.2	142940.9	176166.6	213474.3
-10°	7385.2	8487.4	10245.5	13946.2	22616.2	38746.7	62139.1	91858.2	124407.7	154387.0	183565.1
-12.5°	7160.5	8050.3	9499.1	11617.6	17565.2	30264.3	49473.6	74038.3	101678.3	129928.2	154387.0
-15°	6907.7	7645.8	8855.3	10649.2	14541.5	22505.4	35753.1	55034.8	78119.7	101678.3	124407.7
-17.5°	6673.8	7309.0	8204.2	9545.2	11444.4	16359.9	25543.4	38375.6	55034.8	74038.3	91858.2
-20°	6410.8	6938.2	7617.5	8668.7	10121.0	12277.1	16976.6	25543.4	35753.1	49473.6	62139.1



REPORT NUMBER: P1305415 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6159.0	6626.5	7172.2	7815.7	8905.5	10315.7	12277.1	16359.9	22505.4	30264.3	38746.7
-25°	5902.6	6296.6	6758.6	7294.4	7929.6	8905.5	10121.0	11444.4	14541.5	17565.2	22616.2
-27.5°	5638.8	6003.2	6375.2	6803.0	7294.4	7815.7	8668.7	9545.2	10649.2	11617.6	13946.2
-30°	5364.7	5700.4	6037.1	6375.2	6758.6	7172.2	7617.5	8204.2	8855.3	9499.1	10245.5
-32.5°	4714.0	5394.7	5700.4	6003.2	6296.6	6626.5	6938.2	7309.0	7645.8	8050.3	8487.4
-35°	3944.5	4714.0	5364.7	5638.8	5902.6	6159.0	6410.8	6673.8	6907.7	7160.5	7385.2
-37.5°	3020.3	3860.3	4572.1	5199.0	5517.2	5742.1	5957.3	6156.1	6333.4	6519.9	6675.2
-40°	2609.1	2856.4	3609.6	4291.4	4841.8	5338.4	5530.3	5703.5	5859.3	5999.5	6116.0
-42.5°	2442.0	2570.0	2685.3	3197.6	3820.3	4352.9	4787.0	5177.8	5408.1	5529.6	5630.4
-45°	2243.7	2380.8	2505.7	2607.1	2701.7	3167.6	3655.7	4094.0	4421.6	4694.5	4920.6
-47.5°	2009.1	2163.1	2290.3	2404.1	2505.1	2586.1	2659.8	2781.0	3136.8	3441.6	3693.7
-50°	1764.9	1904.2	2039.6	2166.6	2270.2	2360.6	2442.7	2510.2	2563.6	2609.4	2647.2
-52.5°	1525.2	1650.5	1770.7	1884.3	1993.4	2093.6	2184.5	2254.5	2313.7	2364.4	2406.1
-55°	1327.0	1422.2	1511.8	1610.2	1706.3	1794.5	1875.2	1949.7	2014.9	2070.6	2116.6
-57.5°	1122.1	1212.1	1296.1	1373.0	1444.3	1509.5	1576.7	1641.9	1699.0	1747.6	1787.7
-60°	915.2	995.9	1073.2	1145.4	1212.1	1273.2	1327.0	1374.9	1416.8	1452.5	1481.8
-62.5°	714.8	782.1	851.0	915.2	974.5	1029.3	1079.3	1123.8	1162.7	1195.8	1223.1
-65°	550.1	602.5	651.6	697.3	740.0	788.8	832.8	872.0	906.2	935.3	959.3
-67.5°	380.3	428.4	473.5	515.3	553.3	587.7	618.7	646.3	670.4	690.9	707.7
-70°	230.9	264.5	296.0	328.2	362.2	393.3	421.4	446.3	468.0	486.5	501.7
-72.5°	119.3	134.1	151.1	176.6	200.0	221.4	240.7	257.8	272.7	285.4	295.8
-75°	56.3	62.6	74.4	85.4	95.5	104.7	113.0	120.4	126.8	132.2	136.7
-77.5°	36.0	39.1	41.9	44.6	47.0	49.2	51.3	53.0	54.6	55.9	57.0
-80°	24.8	26.0	27.1	28.2	29.2	30.1	30.9	31.6	32.2	32.7	33.1
-82.5°	16.6	17.2	17.8	18.4	18.9	19.4	19.8	20.2	20.5	20.8	21.0
-85°	10.5	10.8	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3
-87.5°	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9	6.9	7.0
-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: P1305415 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-3S-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°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.8
85°	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.3	12.2	12.1	12.0
82.5°	21.2	21.3	21.4	21.4	21.4	21.3	21.2	21.0	20.8	20.5	20.2
80°	33.5	33.7	33.9	33.9	33.9	33.7	33.5	33.1	32.7	32.2	31.6
77.5°	57.8	58.4	58.8	58.9	58.8	58.4	57.8	57.0	55.9	54.6	53.0
75°	140.2	142.7	144.2	144.7	144.2	142.7	140.2	136.7	132.2	126.8	120.4
72.5°	303.9	309.7	313.2	314.4	313.2	309.7	303.9	295.8	285.4	272.7	257.8
70°	513.5	522.0	527.1	528.8	527.1	522.0	513.5	501.7	486.5	468.0	446.3
67.5°	720.8	730.3	735.9	737.8	735.9	730.3	720.8	707.7	690.9	670.4	646.3
65°	978.0	991.4	999.4	1002.1	999.4	991.4	978.0	959.3	935.3	906.2	872.0
62.5°	1244.4	1259.7	1268.8	1271.9	1268.8	1259.7	1244.4	1223.1	1195.8	1162.7	1123.8
60°	1504.8	1521.3	1531.2	1534.5	1531.2	1521.3	1504.8	1481.8	1452.5	1416.8	1374.9
57.5°	1819.1	1841.6	1855.1	1859.6	1855.1	1841.6	1819.1	1787.7	1747.6	1699.0	1641.9
55°	2152.5	2178.3	2193.8	2199.0	2193.8	2178.3	2152.5	2116.6	2070.6	2014.9	1949.7
52.5°	2438.8	2462.3	2476.5	2481.2	2476.5	2462.3	2438.8	2406.1	2364.4	2313.7	2254.5
50°	2676.8	2698.1	2710.9	2715.2	2710.9	2698.1	2676.8	2647.2	2609.4	2563.6	2510.2
47.5°	3891.4	4033.6	4119.3	4147.9	4119.3	4033.6	3891.4	3693.7	3441.6	3136.8	2781.0
45°	5098.1	5225.8	5302.9	5328.6	5302.9	5225.8	5098.1	4920.6	4694.5	4421.6	4094.0
42.5°	5709.6	5766.7	5801.2	5812.7	5801.2	5766.7	5709.6	5630.4	5529.6	5408.1	5177.8
40°	6207.7	6273.9	6313.8	6327.2	6313.8	6273.9	6207.7	6116.0	5999.5	5859.3	5703.5
37.5°	6797.8	6886.4	6939.9	6957.8	6939.9	6886.4	6797.8	6675.2	6519.9	6333.4	6156.1
35°	7562.9	7691.6	7769.4	7795.5	7769.4	7691.6	7562.9	7385.2	7160.5	6907.7	6673.8
32.5°	8834.0	9085.4	9237.8	9288.9	9237.8	9085.4	8834.0	8487.4	8050.3	7645.8	7309.0
30°	10839.5	11271.5	11533.9	11621.9	11533.9	11271.5	10839.5	10245.5	9499.1	8855.3	8204.2
27.5°	15813.6	17176.4	18006.2	18284.9	18006.2	17176.4	15813.6	13946.2	11617.6	10649.2	9545.2
25°	27450.5	30993.8	33158.5	33886.7	33158.5	30993.8	27450.5	22616.2	17565.2	14541.5	11444.4
22.5°	47395.5	53771.7	57683.4	59002.4	57683.4	53771.7	47395.5	38746.7	30264.3	22505.4	16359.9
20°	75198.3	84900.5	90887.3	92912.3	90887.3	84900.5	75198.3	62139.1	49473.6	35753.1	25543.4
17.5°	108487.2	121083.6	128920.2	131582.8	128920.2	121083.6	108487.2	91858.2	74038.3	55034.8	38375.6
15°	142940.9	156822.5	165562.7	168552.6	165562.7	156822.5	142940.9	124407.7	101678.3	78119.7	55034.8
12.5°	176166.6	195554.3	208564.6	213051.9	208564.6	195554.3	176166.6	154387.0	129928.2	101678.3	74038.3
10°	213474.3	238227.9	256396.4	262935.1	256396.4	238227.9	213474.3	183565.1	154387.0	124407.7	91858.2
7.5°	250242.8	283659.4	302143.9	307631.7	302143.9	283659.4	250242.8	213474.3	176166.6	142940.9	108487.2
5°	283659.4	313527.5	330624.2	336539.0	330624.2	313527.5	283659.4	238227.9	195554.3	156822.5	121083.6
2.5°	302143.9	330624.2	354356.0	370459.6	354356.0	330624.2	302143.9	256396.4	208564.6	165562.7	128920.2
0°	307631.7	336539.0	370459.6	393056.6	370459.6	336539.0	307631.7	262935.1	213051.9	168552.6	131582.8
-2.5°	302143.9	330624.2	354356.0	370459.6	354356.0	330624.2	302143.9	256396.4	208564.6	165562.7	128920.2
-5°	283659.4	313527.5	330624.2	336539.0	330624.2	313527.5	283659.4	238227.9	195554.3	156822.5	121083.6
-7.5°	250242.8	283659.4	302143.9	307631.7	302143.9	283659.4	250242.8	213474.3	176166.6	142940.9	108487.2
-10°	213474.3	238227.9	256396.4	262935.1	256396.4	238227.9	213474.3	183565.1	154387.0	124407.7	91858.2
-12.5°	176166.6	195554.3	208564.6	213051.9	208564.6	195554.3	176166.6	154387.0	129928.2	101678.3	74038.3
-15°	142940.9	156822.5	165562.7	168552.6	165562.7	156822.5	142940.9	124407.7	101678.3	78119.7	55034.8
-17.5°	108487.2	121083.6	128920.2	131582.8	128920.2	121083.6	108487.2	91858.2	74038.3	55034.8	38375.6
-20°	75198.3	84900.5	90887.3	92912.3	90887.3	84900.5	75198.3	62139.1	49473.6	35753.1	25543.4



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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°	47395.5	53771.7	57683.4	59002.4	57683.4	53771.7	47395.5	38746.7	30264.3	22505.4	16359.9
-25°	27450.5	30993.8	33158.5	33886.7	33158.5	30993.8	27450.5	22616.2	17565.2	14541.5	11444.4
-27.5°	15813.6	17176.4	18006.2	18284.9	18006.2	17176.4	15813.6	13946.2	11617.6	10649.2	9545.2
-30°	10839.5	11271.5	11533.9	11621.9	11533.9	11271.5	10839.5	10245.5	9499.1	8855.3	8204.2
-32.5°	8834.0	9085.4	9237.8	9288.9	9237.8	9085.4	8834.0	8487.4	8050.3	7645.8	7309.0
-35°	7562.9	7691.6	7769.4	7795.5	7769.4	7691.6	7562.9	7385.2	7160.5	6907.7	6673.8
-37.5°	6797.8	6886.4	6939.9	6957.8	6939.9	6886.4	6797.8	6675.2	6519.9	6333.4	6156.1
-40°	6207.7	6273.9	6313.8	6327.2	6313.8	6273.9	6207.7	6116.0	5999.5	5859.3	5703.5
-42.5°	5709.6	5766.7	5801.2	5812.7	5801.2	5766.7	5709.6	5630.4	5529.6	5408.1	5177.8
-45°	5098.1	5225.8	5302.9	5328.6	5302.9	5225.8	5098.1	4920.6	4694.5	4421.6	4094.0
-47.5°	3891.4	4033.6	4119.3	4147.9	4119.3	4033.6	3891.4	3693.7	3441.6	3136.8	2781.0
-50°	2676.8	2698.1	2710.9	2715.2	2710.9	2698.1	2676.8	2647.2	2609.4	2563.6	2510.2
-52.5°	2438.8	2462.3	2476.5	2481.2	2476.5	2462.3	2438.8	2406.1	2364.4	2313.7	2254.5
-55°	2152.5	2178.3	2193.8	2199.0	2193.8	2178.3	2152.5	2116.6	2070.6	2014.9	1949.7
-57.5°	1819.1	1841.6	1855.1	1859.6	1855.1	1841.6	1819.1	1787.7	1747.6	1699.0	1641.9
-60°	1504.8	1521.3	1531.2	1534.5	1531.2	1521.3	1504.8	1481.8	1452.5	1416.8	1374.9
-62.5°	1244.4	1259.7	1268.8	1271.9	1268.8	1259.7	1244.4	1223.1	1195.8	1162.7	1123.8
-65°	978.0	991.4	999.4	1002.1	999.4	991.4	978.0	959.3	935.3	906.2	872.0
-67.5°	720.8	730.3	735.9	737.8	735.9	730.3	720.8	707.7	690.9	670.4	646.3
-70°	513.5	522.0	527.1	528.8	527.1	522.0	513.5	501.7	486.5	468.0	446.3
-72.5°	303.9	309.7	313.2	314.4	313.2	309.7	303.9	295.8	285.4	272.7	257.8
-75°	140.2	142.7	144.2	144.7	144.2	142.7	140.2	136.7	132.2	126.8	120.4
-77.5°	57.8	58.4	58.8	58.9	58.8	58.4	57.8	57.0	55.9	54.6	53.0
-80°	33.5	33.7	33.9	33.9	33.9	33.7	33.5	33.1	32.7	32.2	31.6
-82.5°	21.2	21.3	21.4	21.4	21.4	21.3	21.2	21.0	20.8	20.5	20.2
-85°	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.3	12.2	12.1	12.0
-87.5°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.8
-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°	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.2	5.0
85°	11.8	11.7	11.5	11.3	11.1	10.8	10.5	10.3	10.0	9.7	9.3
82.5°	19.8	19.4	18.9	18.4	17.8	17.2	16.6	15.9	15.1	14.4	13.6
80°	30.9	30.1	29.2	28.2	27.1	26.0	24.8	23.5	22.1	20.9	19.8
77.5°	51.3	49.2	47.0	44.6	41.9	39.1	36.0	33.3	31.6	29.8	27.9
75°	113.0	104.7	95.5	85.4	74.4	62.6	56.3	52.4	48.3	43.9	39.4
72.5°	240.7	221.4	200.0	176.6	151.1	134.1	119.3	103.6	87.0	69.5	56.7
70°	421.4	393.3	362.2	328.2	296.0	264.5	230.9	195.2	157.5	131.2	110.2
67.5°	618.7	587.7	553.3	515.3	473.5	428.4	380.3	329.3	283.6	238.9	192.2
65°	832.8	788.8	740.0	697.3	651.6	602.5	550.1	493.6	433.6	370.6	306.8
62.5°	1079.3	1029.3	974.5	915.2	851.0	782.1	714.8	653.3	588.6	520.5	447.9
60°	1327.0	1273.2	1212.1	1145.4	1073.2	995.9	915.2	829.8	740.0	665.2	587.7
57.5°	1576.7	1509.5	1444.3	1373.0	1296.1	1212.1	1122.1	1027.0	928.6	826.3	723.5
55°	1875.2	1794.5	1706.3	1610.2	1511.8	1422.2	1327.0	1225.3	1117.0	1003.9	888.7
52.5°	2184.5	2093.6	1993.4	1884.3	1770.7	1650.5	1525.2	1416.8	1303.1	1182.2	1055.7
50°	2442.7	2360.6	2270.2	2166.6	2039.6	1904.2	1764.9	1620.5	1481.8	1354.7	1221.6
47.5°	2659.8	2586.1	2505.1	2404.1	2290.3	2163.1	2009.1	1848.0	1686.2	1521.3	1380.7
45°	3655.7	3167.6	2701.7	2607.1	2505.7	2380.8	2243.7	2080.1	1900.0	1719.4	1534.5
42.5°	4787.0	4352.9	3820.3	3197.6	2685.3	2570.0	2442.0	2289.0	2115.8	1917.6	1719.4
40°	5530.3	5338.4	4841.8	4291.4	3609.6	2856.4	2609.1	2472.9	2304.2	2115.8	1900.0
37.5°	5957.3	5742.1	5517.2	5199.0	4572.1	3860.3	3020.3	2622.2	2472.9	2289.0	2080.1
35°	6410.8	6159.0	5902.6	5638.8	5364.7	4714.0	3944.5	3020.3	2609.1	2442.0	2243.7
32.5°	6938.2	6626.5	6296.6	6003.2	5700.4	5394.7	4714.0	3860.3	2856.4	2570.0	2380.8
30°	7617.5	7172.2	6758.6	6375.2	6037.1	5700.4	5364.7	4572.1	3609.6	2685.3	2505.7
27.5°	8668.7	7815.7	7294.4	6803.0	6375.2	6003.2	5638.8	5199.0	4291.4	3197.6	2607.1
25°	10121.0	8905.5	7929.6	7294.4	6758.6	6296.6	5902.6	5517.2	4841.8	3820.3	2701.7
22.5°	12277.1	10315.7	8905.5	7815.7	7172.2	6626.5	6159.0	5742.1	5338.4	4352.9	3167.6
20°	16976.6	12277.1	10121.0	8668.7	7617.5	6938.2	6410.8	5957.3	5530.3	4787.0	3655.7
17.5°	25543.4	16359.9	11444.4	9545.2	8204.2	7309.0	6673.8	6156.1	5703.5	5177.8	4094.0
15°	35753.1	22505.4	14541.5	10649.2	8855.3	7645.8	6907.7	6333.4	5859.3	5408.1	4421.6
12.5°	49473.6	30264.3	17565.2	11617.6	9499.1	8050.3	7160.5	6519.9	5999.5	5529.6	4694.5
10°	62139.1	38746.7	22616.2	13946.2	10245.5	8487.4	7385.2	6675.2	6116.0	5630.4	4920.6
7.5°	75198.3	47395.5	27450.5	15813.6	10839.5	8834.0	7562.9	6797.8	6207.7	5709.6	5098.1
5°	84900.5	53771.7	30993.8	17176.4	11271.5	9085.4	7691.6	6886.4	6273.9	5766.7	5225.8
2.5°	90887.3	57683.4	33158.5	18006.2	11533.9	9237.8	7769.4	6939.9	6313.8	5801.2	5302.9
0°	92912.3	59002.4	33886.7	18284.9	11621.9	9288.9	7795.5	6957.8	6327.2	5812.7	5328.6
-2.5°	90887.3	57683.4	33158.5	18006.2	11533.9	9237.8	7769.4	6939.9	6313.8	5801.2	5302.9
-5°	84900.5	53771.7	30993.8	17176.4	11271.5	9085.4	7691.6	6886.4	6273.9	5766.7	5225.8
-7.5°	75198.3	47395.5	27450.5	15813.6	10839.5	8834.0	7562.9	6797.8	6207.7	5709.6	5098.1
-10°	62139.1	38746.7	22616.2	13946.2	10245.5	8487.4	7385.2	6675.2	6116.0	5630.4	4920.6
-12.5°	49473.6	30264.3	17565.2	11617.6	9499.1	8050.3	7160.5	6519.9	5999.5	5529.6	4694.5
-15°	35753.1	22505.4	14541.5	10649.2	8855.3	7645.8	6907.7	6333.4	5859.3	5408.1	4421.6
-17.5°	25543.4	16359.9	11444.4	9545.2	8204.2	7309.0	6673.8	6156.1	5703.5	5177.8	4094.0
-20°	16976.6	12277.1	10121.0	8668.7	7617.5	6938.2	6410.8	5957.3	5530.3	4787.0	3655.7



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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°	12277.1	10315.7	8905.5	7815.7	7172.2	6626.5	6159.0	5742.1	5338.4	4352.9	3167.6
-25°	10121.0	8905.5	7929.6	7294.4	6758.6	6296.6	5902.6	5517.2	4841.8	3820.3	2701.7
-27.5°	8668.7	7815.7	7294.4	6803.0	6375.2	6003.2	5638.8	5199.0	4291.4	3197.6	2607.1
-30°	7617.5	7172.2	6758.6	6375.2	6037.1	5700.4	5364.7	4572.1	3609.6	2685.3	2505.7
-32.5°	6938.2	6626.5	6296.6	6003.2	5700.4	5394.7	4714.0	3860.3	2856.4	2570.0	2380.8
-35°	6410.8	6159.0	5902.6	5638.8	5364.7	4714.0	3944.5	3020.3	2609.1	2442.0	2243.7
-37.5°	5957.3	5742.1	5517.2	5199.0	4572.1	3860.3	3020.3	2622.2	2472.9	2289.0	2080.1
-40°	5530.3	5338.4	4841.8	4291.4	3609.6	2856.4	2609.1	2472.9	2304.2	2115.8	1900.0
-42.5°	4787.0	4352.9	3820.3	3197.6	2685.3	2570.0	2442.0	2289.0	2115.8	1917.6	1719.4
-45°	3655.7	3167.6	2701.7	2607.1	2505.7	2380.8	2243.7	2080.1	1900.0	1719.4	1534.5
-47.5°	2659.8	2586.1	2505.1	2404.1	2290.3	2163.1	2009.1	1848.0	1686.2	1521.3	1380.7
-50°	2442.7	2360.6	2270.2	2166.6	2039.6	1904.2	1764.9	1620.5	1481.8	1354.7	1221.6
-52.5°	2184.5	2093.6	1993.4	1884.3	1770.7	1650.5	1525.2	1416.8	1303.1	1182.2	1055.7
-55°	1875.2	1794.5	1706.3	1610.2	1511.8	1422.2	1327.0	1225.3	1117.0	1003.9	888.7
-57.5°	1576.7	1509.5	1444.3	1373.0	1296.1	1212.1	1122.1	1027.0	928.6	826.3	723.5
-60°	1327.0	1273.2	1212.1	1145.4	1073.2	995.9	915.2	829.8	740.0	665.2	587.7
-62.5°	1079.3	1029.3	974.5	915.2	851.0	782.1	714.8	653.3	588.6	520.5	447.9
-65°	832.8	788.8	740.0	697.3	651.6	602.5	550.1	493.6	433.6	370.6	306.8
-67.5°	618.7	587.7	553.3	515.3	473.5	428.4	380.3	329.3	283.6	238.9	192.2
-70°	421.4	393.3	362.2	328.2	296.0	264.5	230.9	195.2	157.5	131.2	110.2
-72.5°	240.7	221.4	200.0	176.6	151.1	134.1	119.3	103.6	87.0	69.5	56.7
-75°	113.0	104.7	95.5	85.4	74.4	62.6	56.3	52.4	48.3	43.9	39.4
-77.5°	51.3	49.2	47.0	44.6	41.9	39.1	36.0	33.3	31.6	29.8	27.9
-80°	30.9	30.1	29.2	28.2	27.1	26.0	24.8	23.5	22.1	20.9	19.8
-82.5°	19.8	19.4	18.9	18.4	17.8	17.2	16.6	15.9	15.1	14.4	13.6
-85°	11.8	11.7	11.5	11.3	11.1	10.8	10.5	10.3	10.0	9.7	9.3
-87.5°	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.2	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
85°	9.0	8.6	8.3	7.9	7.5	7.1	6.6	6.0	5.4	4.9	4.3
82.5°	12.7	12.1	11.5	11.0	10.4	9.8	9.2	8.5	7.9	7.2	6.4
80°	18.7	17.5	16.3	15.0	13.8	12.5	11.6	10.8	9.9	9.1	8.2
77.5°	25.9	23.9	21.8	20.1	18.5	16.8	15.1	13.4	12.0	10.9	9.8
75°	34.6	31.8	29.2	26.6	23.9	21.2	19.1	17.1	14.9	12.8	11.3
72.5°	51.1	45.3	39.4	33.6	30.4	27.1	23.8	20.7	18.2	15.7	13.2
70°	88.4	65.8	54.1	47.0	39.8	33.1	29.3	25.5	21.5	18.6	15.7
67.5°	144.1	118.6	92.2	65.1	52.6	44.2	35.7	30.4	26.0	21.5	18.2
65°	252.6	196.5	141.6	111.4	80.3	55.9	46.4	36.8	30.4	25.5	20.7
62.5°	372.5	298.5	234.7	169.0	122.9	88.0	57.0	46.4	35.7	29.3	23.8
60°	506.7	421.4	333.3	257.8	184.3	126.8	88.0	55.9	44.2	33.1	27.1
57.5°	636.2	545.9	450.9	353.0	265.5	184.3	122.9	80.3	52.6	39.8	30.4
55°	769.4	665.5	565.3	460.8	353.0	257.8	169.0	111.4	65.1	47.0	33.6
52.5°	926.5	794.4	675.3	565.3	450.9	333.3	234.7	141.6	92.2	54.1	39.4
50°	1081.8	939.1	794.4	665.5	545.9	421.4	298.5	196.5	118.6	65.8	45.3
47.5°	1234.8	1081.8	926.5	769.4	636.2	506.7	372.5	252.6	144.1	88.4	51.1
45°	1380.7	1221.6	1055.7	888.7	723.5	587.7	447.9	306.8	192.2	110.2	56.7
42.5°	1521.3	1354.7	1182.2	1003.9	826.3	665.2	520.5	370.6	238.9	131.2	69.5
40°	1686.2	1481.8	1303.1	1117.0	928.6	740.0	588.6	433.6	283.6	157.5	87.0
37.5°	1848.0	1620.5	1416.8	1225.3	1027.0	829.8	653.3	493.6	329.3	195.2	103.6
35°	2009.1	1764.9	1525.2	1327.0	1122.1	915.2	714.8	550.1	380.3	230.9	119.3
32.5°	2163.1	1904.2	1650.5	1422.2	1212.1	995.9	782.1	602.5	428.4	264.5	134.1
30°	2290.3	2039.6	1770.7	1511.8	1296.1	1073.2	851.0	651.6	473.5	296.0	151.1
27.5°	2404.1	2166.6	1884.3	1610.2	1373.0	1145.4	915.2	697.3	515.3	328.2	176.6
25°	2505.1	2270.2	1993.4	1706.3	1444.3	1212.1	974.5	740.0	553.3	362.2	200.0
22.5°	2586.1	2360.6	2093.6	1794.5	1509.5	1273.2	1029.3	788.8	587.7	393.3	221.4
20°	2659.8	2442.7	2184.5	1875.2	1576.7	1327.0	1079.3	832.8	618.7	421.4	240.7
17.5°	2781.0	2510.2	2254.5	1949.7	1641.9	1374.9	1123.8	872.0	646.3	446.3	257.8
15°	3136.8	2563.6	2313.7	2014.9	1699.0	1416.8	1162.7	906.2	670.4	468.0	272.7
12.5°	3441.6	2609.4	2364.4	2070.6	1747.6	1452.5	1195.8	935.3	690.9	486.5	285.4
10°	3693.7	2647.2	2406.1	2116.6	1787.7	1481.8	1223.1	959.3	707.7	501.7	295.8
7.5°	3891.4	2676.8	2438.8	2152.5	1819.1	1504.8	1244.4	978.0	720.8	513.5	303.9
5°	4033.6	2698.1	2462.3	2178.3	1841.6	1521.3	1259.7	991.4	730.3	522.0	309.7
2.5°	4119.3	2710.9	2476.5	2193.8	1855.1	1531.2	1268.8	999.4	735.9	527.1	313.2
0°	4147.9	2715.2	2481.2	2199.0	1859.6	1534.5	1271.9	1002.1	737.8	528.8	314.4
-2.5°	4119.3	2710.9	2476.5	2193.8	1855.1	1531.2	1268.8	999.4	735.9	527.1	313.2
-5°	4033.6	2698.1	2462.3	2178.3	1841.6	1521.3	1259.7	991.4	730.3	522.0	309.7
-7.5°	3891.4	2676.8	2438.8	2152.5	1819.1	1504.8	1244.4	978.0	720.8	513.5	303.9
-10°	3693.7	2647.2	2406.1	2116.6	1787.7	1481.8	1223.1	959.3	707.7	501.7	295.8
-12.5°	3441.6	2609.4	2364.4	2070.6	1747.6	1452.5	1195.8	935.3	690.9	486.5	285.4
-15°	3136.8	2563.6	2313.7	2014.9	1699.0	1416.8	1162.7	906.2	670.4	468.0	272.7
-17.5°	2781.0	2510.2	2254.5	1949.7	1641.9	1374.9	1123.8	872.0	646.3	446.3	257.8
-20°	2659.8	2442.7	2184.5	1875.2	1576.7	1327.0	1079.3	832.8	618.7	421.4	240.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2586.1	2360.6	2093.6	1794.5	1509.5	1273.2	1029.3	788.8	587.7	393.3	221.4
-25°	2505.1	2270.2	1993.4	1706.3	1444.3	1212.1	974.5	740.0	553.3	362.2	200.0
-27.5°	2404.1	2166.6	1884.3	1610.2	1373.0	1145.4	915.2	697.3	515.3	328.2	176.6
-30°	2290.3	2039.6	1770.7	1511.8	1296.1	1073.2	851.0	651.6	473.5	296.0	151.1
-32.5°	2163.1	1904.2	1650.5	1422.2	1212.1	995.9	782.1	602.5	428.4	264.5	134.1
-35°	2009.1	1764.9	1525.2	1327.0	1122.1	915.2	714.8	550.1	380.3	230.9	119.3
-37.5°	1848.0	1620.5	1416.8	1225.3	1027.0	829.8	653.3	493.6	329.3	195.2	103.6
-40°	1686.2	1481.8	1303.1	1117.0	928.6	740.0	588.6	433.6	283.6	157.5	87.0
-42.5°	1521.3	1354.7	1182.2	1003.9	826.3	665.2	520.5	370.6	238.9	131.2	69.5
-45°	1380.7	1221.6	1055.7	888.7	723.5	587.7	447.9	306.8	192.2	110.2	56.7
-47.5°	1234.8	1081.8	926.5	769.4	636.2	506.7	372.5	252.6	144.1	88.4	51.1
-50°	1081.8	939.1	794.4	665.5	545.9	421.4	298.5	196.5	118.6	65.8	45.3
-52.5°	926.5	794.4	675.3	565.3	450.9	333.3	234.7	141.6	92.2	54.1	39.4
-55°	769.4	665.5	565.3	460.8	353.0	257.8	169.0	111.4	65.1	47.0	33.6
-57.5°	636.2	545.9	450.9	353.0	265.5	184.3	122.9	80.3	52.6	39.8	30.4
-60°	506.7	421.4	333.3	257.8	184.3	126.8	88.0	55.9	44.2	33.1	27.1
-62.5°	372.5	298.5	234.7	169.0	122.9	88.0	57.0	46.4	35.7	29.3	23.8
-65°	252.6	196.5	141.6	111.4	80.3	55.9	46.4	36.8	30.4	25.5	20.7
-67.5°	144.1	118.6	92.2	65.1	52.6	44.2	35.7	30.4	26.0	21.5	18.2
-70°	88.4	65.8	54.1	47.0	39.8	33.1	29.3	25.5	21.5	18.6	15.7
-72.5°	51.1	45.3	39.4	33.6	30.4	27.1	23.8	20.7	18.2	15.7	13.2
-75°	34.6	31.8	29.2	26.6	23.9	21.2	19.1	17.1	14.9	12.8	11.3
-77.5°	25.9	23.9	21.8	20.1	18.5	16.8	15.1	13.4	12.0	10.9	9.8
-80°	18.7	17.5	16.3	15.0	13.8	12.5	11.6	10.8	9.9	9.1	8.2
-82.5°	12.7	12.1	11.5	11.0	10.4	9.8	9.2	8.5	7.9	7.2	6.4
-85°	9.0	8.6	8.3	7.9	7.5	7.1	6.6	6.0	5.4	4.9	4.3
-87.5°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.1
-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
82.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
80°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
77.5°	8.6	7.5	6.1	4.6	3.1	1.5	0.0
75°	10.0	8.6	7.3	5.5	3.7	1.8	0.0
72.5°	11.3	9.8	8.2	6.4	4.3	2.1	0.0
70°	12.8	10.9	9.1	7.2	4.9	2.4	0.0
67.5°	14.9	12.0	9.9	7.9	5.4	2.7	0.0
65°	17.1	13.4	10.8	8.5	6.0	3.0	0.0
62.5°	19.1	15.1	11.6	9.2	6.6	3.3	0.0
60°	21.2	16.8	12.5	9.8	7.1	3.5	0.0
57.5°	23.9	18.5	13.8	10.4	7.5	3.8	0.0
55°	26.6	20.1	15.0	11.0	7.9	4.1	0.0
52.5°	29.2	21.8	16.3	11.5	8.3	4.3	0.0
50°	31.8	23.9	17.5	12.1	8.6	4.6	0.0
47.5°	34.6	25.9	18.7	12.7	9.0	4.8	0.0
45°	39.4	27.9	19.8	13.6	9.3	5.0	0.0
42.5°	43.9	29.8	20.9	14.4	9.7	5.2	0.0
40°	48.3	31.6	22.1	15.1	10.0	5.4	0.0
37.5°	52.4	33.3	23.5	15.9	10.3	5.6	0.0
35°	56.3	36.0	24.8	16.6	10.5	5.8	0.0
32.5°	62.6	39.1	26.0	17.2	10.8	6.0	0.0
30°	74.4	41.9	27.1	17.8	11.1	6.1	0.0
27.5°	85.4	44.6	28.2	18.4	11.3	6.3	0.0
25°	95.5	47.0	29.2	18.9	11.5	6.4	0.0
22.5°	104.7	49.2	30.1	19.4	11.7	6.6	0.0
20°	113.0	51.3	30.9	19.8	11.8	6.7	0.0
17.5°	120.4	53.0	31.6	20.2	12.0	6.8	0.0
15°	126.8	54.6	32.2	20.5	12.1	6.9	0.0
12.5°	132.2	55.9	32.7	20.8	12.2	6.9	0.0
10°	136.7	57.0	33.1	21.0	12.3	7.0	0.0
7.5°	140.2	57.8	33.5	21.2	12.4	7.0	0.0
5°	142.7	58.4	33.7	21.3	12.5	7.1	0.0
2.5°	144.2	58.8	33.9	21.4	12.5	7.1	0.0
0°	144.7	58.9	33.9	21.4	12.5	7.1	0.0
-2.5°	144.2	58.8	33.9	21.4	12.5	7.1	0.0
-5°	142.7	58.4	33.7	21.3	12.5	7.1	0.0
-7.5°	140.2	57.8	33.5	21.2	12.4	7.0	0.0
-10°	136.7	57.0	33.1	21.0	12.3	7.0	0.0
-12.5°	132.2	55.9	32.7	20.8	12.2	6.9	0.0
-15°	126.8	54.6	32.2	20.5	12.1	6.9	0.0
-17.5°	120.4	53.0	31.6	20.2	12.0	6.8	0.0
-20°	113.0	51.3	30.9	19.8	11.8	6.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	104.7	49.2	30.1	19.4	11.7	6.6	0.0
-25°	95.5	47.0	29.2	18.9	11.5	6.4	0.0
-27.5°	85.4	44.6	28.2	18.4	11.3	6.3	0.0
-30°	74.4	41.9	27.1	17.8	11.1	6.1	0.0
-32.5°	62.6	39.1	26.0	17.2	10.8	6.0	0.0
-35°	56.3	36.0	24.8	16.6	10.5	5.8	0.0
-37.5°	52.4	33.3	23.5	15.9	10.3	5.6	0.0
-40°	48.3	31.6	22.1	15.1	10.0	5.4	0.0
-42.5°	43.9	29.8	20.9	14.4	9.7	5.2	0.0
-45°	39.4	27.9	19.8	13.6	9.3	5.0	0.0
-47.5°	34.6	25.9	18.7	12.7	9.0	4.8	0.0
-50°	31.8	23.9	17.5	12.1	8.6	4.6	0.0
-52.5°	29.2	21.8	16.3	11.5	8.3	4.3	0.0
-55°	26.6	20.1	15.0	11.0	7.9	4.1	0.0
-57.5°	23.9	18.5	13.8	10.4	7.5	3.8	0.0
-60°	21.2	16.8	12.5	9.8	7.1	3.5	0.0
-62.5°	19.1	15.1	11.6	9.2	6.6	3.3	0.0
-65°	17.1	13.4	10.8	8.5	6.0	3.0	0.0
-67.5°	14.9	12.0	9.9	7.9	5.4	2.7	0.0
-70°	12.8	10.9	9.1	7.2	4.9	2.4	0.0
-72.5°	11.3	9.8	8.2	6.4	4.3	2.1	0.0
-75°	10.0	8.6	7.3	5.5	3.7	1.8	0.0
-77.5°	8.6	7.5	6.1	4.6	3.1	1.5	0.0
-80°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
-82.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
-85°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)