

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: P1305838 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

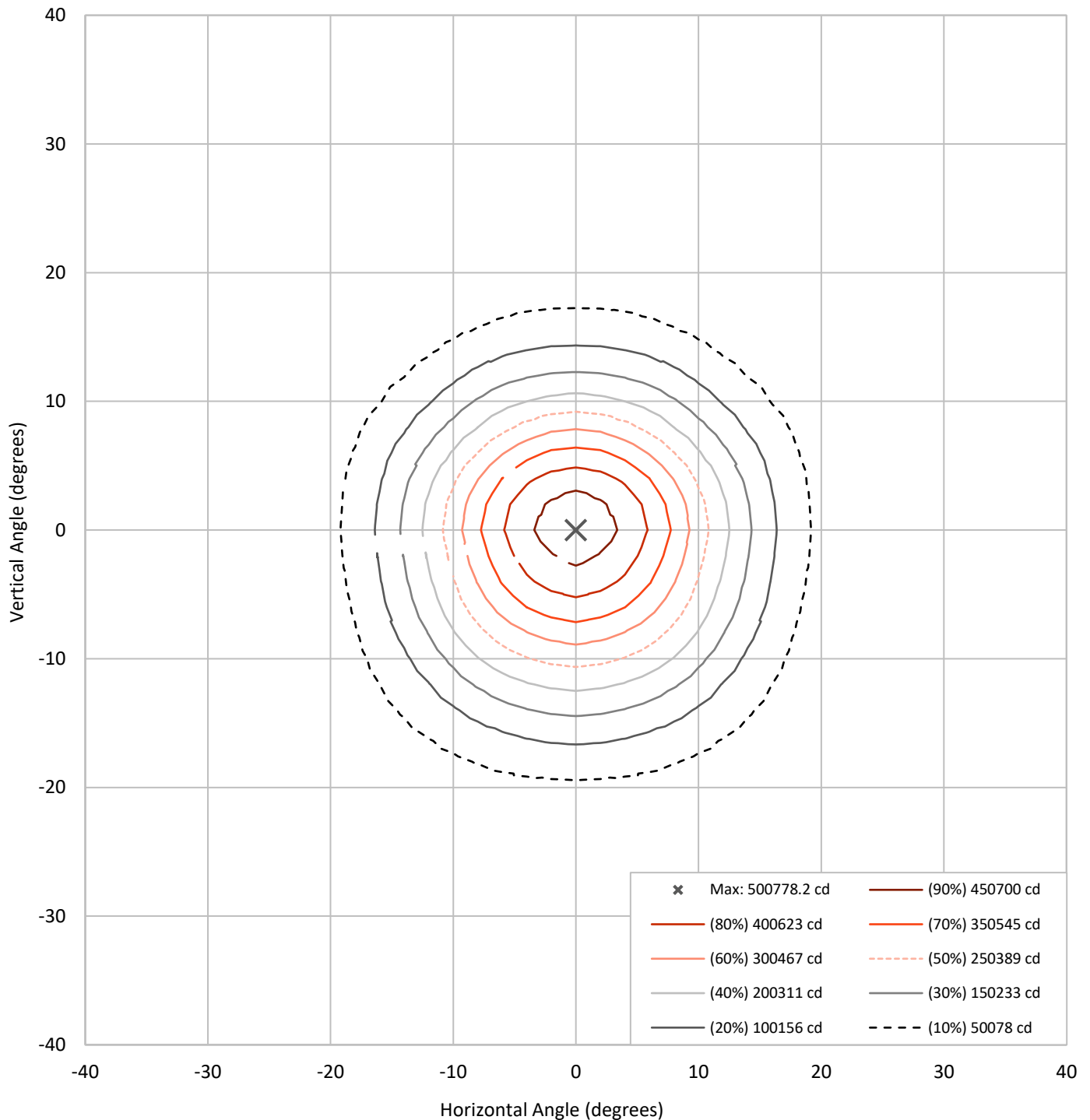
Test Method: LM-79-08  
Report Number: P1305838 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680R-57-70-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	77521.5 lumens	Max Intensity:	500778.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	35837.5 lumens	Field Lumens:	66853.8 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	711		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





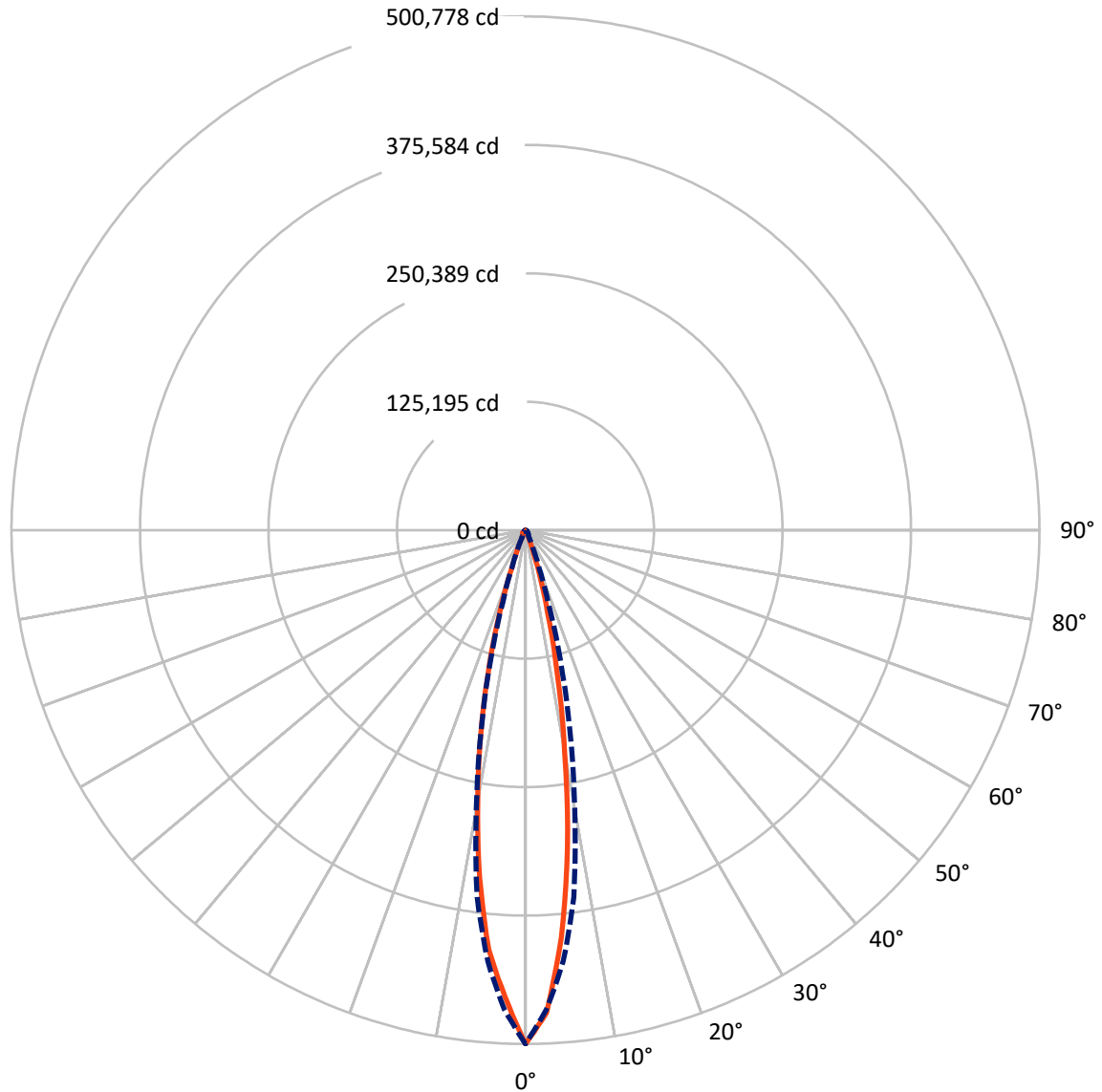
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### Lumen Table

90																			
80	0.2	0.4		0.7	0.7		0.7		0.7		0.7		0.4	0.2					
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.4	0.1				
50	0.2	0.2	0.5	0.6	0.8	1.1	1.4	1.5	1.5	1.4	1.1	0.8	0.6	0.5	0.2	0.2			
40		0.3	1.0	2.1	4.5	7.2	8.8	10.2	10.2	8.8	7.2	4.5	2.1	1.0	0.3				
30	0.3	0.5	3.2	10.8	28.8	42.3	74.0	162.8	162.8	74.0	42.3	28.8	10.8	3.2	0.5	0.3			
20		1.1	7.3	28.0	65.9	128.9	801.2	2499.9	2499.9	801.2	128.9	65.9	28.0	7.3	1.1				
10	0.4	2.0	12.4	51.9	107.6	346.9	3274.3	9752.7	9752.7	3274.3	346.9	107.6	51.9	12.4	2.0	0.4			
0		3.3	16.2	60.8	120.6	348.2	3470.0	10168.0	10168.0	3470.0	348.2	120.6	60.8	16.2	3.3				
-10	0.6	3.8	16.5	56.2	119.1	199.1	1277.6	3687.2	3687.2	1277.6	199.1	119.1	56.2	16.5	3.8	0.6			
-20		3.5	14.0	33.6	84.7	124.6	194.5	380.8	380.8	194.5	124.6	84.7	33.6	14.0	3.5				
-30	0.5	3.0	10.2	21.0	46.8	89.6	116.1	127.6	127.6	116.1	89.6	46.8	21.0	10.2	3.0	0.5			
-40		2.0	7.1	15.5	26.5	43.8	76.1	102.8	102.8	76.1	43.8	26.5	15.5	7.1	2.0				
-50	0.3	1.0	4.2	10.1	18.4	27.5	35.3	39.6	39.6	35.3	27.5	18.4	10.1	4.2	1.0	0.3			
-60		0.4	1.5	4.7	9.7	15.9	22.3	26.2	26.2	22.3	15.9	9.7	4.7	1.5	0.4				
-70																			
-80	0.2	1.2		3.6		9.0		13.1		9.0		3.6		1.2		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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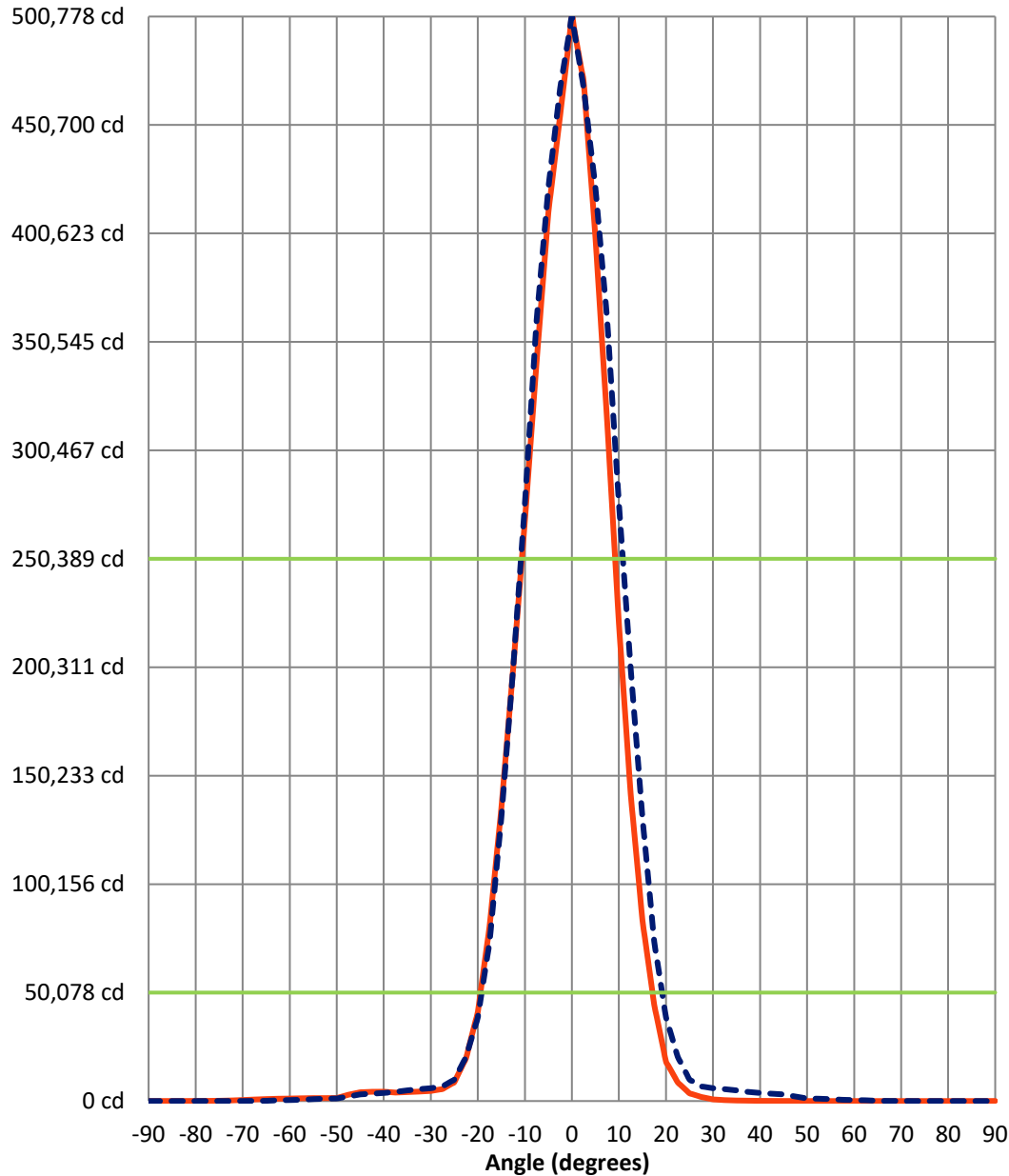
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.7°  
V Angle: 19.8°  
Lumens: 35837.5  
Efficiency: 46.2%

**Field:**  
H Angle: 38.4°  
V Angle: 36.6°  
Lumens: 66853.8  
Efficiency: 86.2%

**Spill:**  
Lumens: 10667.7  
Efficiency: 13.8%

— 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°	8.1	8.1	8.1	8.6	9.1	9.6	10.1	10.1	10.1	10.1	10.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.8	7.4	7.2	6.9
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	7.8	7.8	7.8
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2
67.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.4	8.3
65°	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.1	8.5	8.7	8.5
62.5°	8.1	8.1	8.1	8.1	8.1	8.3	8.3	8.5	9.0	9.1	8.6
60°	8.1	8.1	8.1	8.1	8.1	8.5	8.5	9.0	9.5	9.2	8.7
57.5°	8.1	8.1	8.1	8.1	8.3	8.7	8.9	9.5	9.7	9.2	8.8
55°	8.1	8.1	8.2	8.1	8.5	8.9	9.2	10.0	9.8	9.4	8.9
52.5°	8.1	8.1	8.2	8.1	8.7	9.1	9.6	10.1	9.9	9.5	9.0
50°	8.1	8.1	8.2	8.1	8.9	9.4	9.9	10.1	10.0	9.6	10.6
47.5°	8.1	8.1	8.3	8.1	9.2	9.6	10.1	10.1	10.1	9.7	12.1
45°	8.1	8.1	8.3	8.3	9.4	9.7	10.1	10.1	10.2	10.6	13.3
42.5°	8.1	8.1	8.4	8.5	9.6	9.9	10.1	10.2	10.3	11.3	14.8
40°	8.1	8.1	8.5	8.7	9.8	10.0	10.1	10.3	10.7	11.8	16.4
37.5°	8.1	8.1	8.6	9.0	9.9	10.1	10.1	10.5	11.5	13.1	17.7
35°	8.1	8.1	8.6	9.2	10.0	10.1	10.1	10.8	12.4	15.2	18.4
32.5°	8.1	8.1	8.7	9.3	10.0	10.1	10.2	11.0	13.4	17.4	20.1
30°	8.1	8.1	8.8	9.5	10.1	10.1	10.4	11.5	14.5	19.6	22.2
27.5°	8.1	8.1	8.9	9.6	10.1	10.1	10.6	12.3	16.0	21.9	24.6
25°	8.1	8.1	9.0	9.7	10.1	10.1	10.8	13.2	17.8	24.0	27.4
22.5°	8.1	8.1	9.1	9.8	10.1	10.1	11.1	14.1	19.7	26.2	32.6
20°	8.1	8.1	9.3	9.9	10.1	10.3	11.3	15.1	21.5	28.5	37.6
17.5°	8.1	8.1	9.4	10.0	10.1	10.5	11.7	16.0	23.3	30.9	42.2
15°	8.1	8.1	9.5	10.0	10.1	10.7	12.1	16.8	25.1	33.4	46.6
12.5°	8.1	8.1	9.6	10.1	10.1	10.9	12.5	17.6	26.8	35.9	50.6
10°	8.1	8.1	9.7	10.1	10.1	11.1	12.8	18.3	28.5	39.9	56.8
7.5°	8.1	8.1	9.8	10.1	10.1	11.4	13.2	18.9	30.2	44.1	68.2
5°	8.1	8.1	9.9	10.1	10.1	11.6	13.5	19.4	31.7	48.5	80.1
2.5°	8.1	8.1	10.0	10.1	10.1	11.9	13.8	19.8	33.1	52.7	91.8
0°	8.1	8.1	10.1	10.1	10.1	12.1	14.1	20.2	34.3	56.6	103.0
-2.5°	8.1	8.1	10.1	10.2	10.3	12.5	15.7	24.9	44.4	73.9	133.0
-5°	8.1	8.2	10.1	10.4	10.5	13.0	17.3	29.4	54.1	90.4	161.4
-7.5°	8.1	8.2	10.1	10.5	10.6	13.3	18.7	33.6	63.1	105.9	187.3
-10°	8.1	8.3	10.0	10.6	10.8	13.7	20.0	37.3	71.0	119.8	210.1
-12.5°	8.1	8.3	10.0	10.7	11.0	14.0	21.1	40.4	77.8	131.9	223.7
-15°	8.1	8.4	10.0	10.8	11.1	14.2	22.0	42.8	83.9	141.4	231.7
-17.5°	8.1	8.4	10.0	10.9	11.3	14.4	22.7	45.6	89.6	149.1	237.2
-20°	8.1	8.4	9.9	10.9	11.5	14.5	23.3	48.2	93.7	155.1	239.9



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 CATALOG NUMBER: EPH-08-680R-57-70-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.1	8.5	9.9	11.0	11.6	14.5	24.2	49.5	96.3	159.1	239.7
-25°	8.1	8.5	9.9	11.0	11.8	14.7	24.5	49.4	97.2	161.1	236.7
-27.5°	8.1	8.5	9.9	11.0	12.0	14.9	24.3	47.9	96.3	161.3	237.8
-30°	8.1	8.5	9.8	11.0	12.1	15.0	23.5	44.8	94.4	159.8	236.6
-32.5°	8.1	8.6	9.8	11.0	12.4	15.0	22.1	43.1	90.8	155.9	232.5
-35°	8.1	8.6	9.8	10.9	12.5	14.8	21.6	41.5	84.9	149.5	225.7
-37.5°	8.1	8.6	9.8	10.8	12.7	14.7	21.3	38.9	76.6	140.6	208.3
-40°	8.1	8.6	9.8	10.7	12.8	14.9	20.9	35.5	65.9	129.2	189.2
-42.5°	8.1	8.6	9.8	10.5	12.7	15.0	20.3	31.0	58.4	111.4	168.4
-45°	8.1	8.6	9.8	10.4	12.5	14.9	19.5	27.6	52.3	92.0	146.0
-47.5°	8.1	8.6	9.8	10.3	12.3	14.8	18.6	26.4	44.8	72.0	123.5
-50°	8.1	8.6	9.8	10.2	12.1	14.6	18.1	25.0	35.6	61.4	100.0
-52.5°	8.1	8.6	9.8	10.3	11.8	14.2	17.6	23.3	31.0	49.9	76.8
-55°	8.1	8.6	9.8	10.3	11.5	13.8	17.0	21.5	28.5	37.5	62.5
-57.5°	8.1	8.6	9.8	10.3	11.2	13.3	16.2	20.4	25.8	32.3	47.3
-60°	8.1	8.5	9.8	10.2	10.8	12.8	15.3	19.1	23.4	29.3	35.3
-62.5°	8.1	8.5	9.7	10.2	10.8	12.3	14.6	17.7	21.8	26.1	31.8
-65°	8.1	8.5	9.6	10.2	10.7	11.7	13.8	16.4	20.1	23.9	28.2
-67.5°	8.1	8.5	9.5	10.2	10.5	11.3	12.9	15.5	18.4	22.0	25.6
-70°	8.1	8.4	9.4	10.1	10.4	11.0	12.0	14.5	17.3	20.0	23.4
-72.5°	8.1	8.4	9.2	9.9	10.3	10.8	11.6	13.5	16.1	18.7	21.3
-75°	8.1	8.3	9.1	9.8	10.1	10.5	11.1	12.8	14.9	17.4	19.8
-77.5°	8.1	8.3	8.9	9.6	10.0	10.2	10.6	12.1	14.0	16.0	18.3
-80°	8.1	8.3	8.8	9.4	9.8	10.0	10.2	11.5	13.1	14.8	16.7
-82.5°	8.1	8.2	8.6	9.2	9.6	9.9	10.1	10.9	12.1	13.5	15.1
-85°	8.1	8.2	8.4	9.0	9.4	9.8	10.1	10.7	11.4	12.4	13.4
-87.5°	8.1	8.1	8.3	8.8	9.3	9.7	10.1	10.4	10.8	11.2	11.8
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.6	7.1	6.6	6.1



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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°	10.1	10.1	10.1	10.1	10.6	11.1	11.6	12.1	12.6	13.1	13.6
87.5°	6.8	6.6	6.4	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5
85°	7.5	7.1	6.6	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5
82.5°	7.6	7.1	6.6	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6
80°	7.7	7.2	6.7	6.2	6.1	6.1	6.1	6.1	5.7	5.3	5.0
77.5°	7.7	7.2	6.7	6.2	6.2	6.5	6.8	7.1	7.1	6.9	6.6
75°	7.8	7.3	7.0	7.0	7.4	7.8	8.1	8.1	7.8	7.3	6.8
72.5°	7.9	7.7	7.7	8.1	8.1	8.1	8.1	8.1	9.1	10.4	11.4
70°	8.0	8.1	8.1	8.1	8.1	8.6	10.7	13.5	16.3	18.5	21.2
67.5°	8.1	8.1	8.1	8.3	9.7	12.1	15.3	23.3	32.5	35.4	35.4
65°	8.1	8.1	8.6	9.9	11.9	18.1	26.9	37.8	46.0	44.7	41.8
62.5°	8.1	8.4	9.4	12.4	18.1	26.2	34.7	42.5	50.3	49.0	42.7
60°	8.2	8.6	11.9	17.7	23.8	30.3	38.4	43.5	48.6	50.0	39.5
57.5°	8.4	10.5	16.1	22.1	27.7	32.4	35.5	40.0	42.9	43.4	32.5
55°	9.5	13.7	19.7	25.6	29.5	28.4	30.6	33.3	34.5	31.8	23.0
52.5°	12.1	16.7	22.8	27.7	28.2	26.1	25.5	26.7	24.7	21.0	18.2
50°	14.3	19.6	25.4	28.2	27.6	24.8	21.1	20.6	19.9	18.4	16.8
47.5°	16.5	22.2	27.4	29.3	27.2	24.6	20.4	19.8	19.9	21.1	19.9
45°	18.7	23.9	29.1	29.4	28.0	26.0	24.1	22.0	26.0	27.2	27.1
42.5°	20.6	25.0	29.6	30.1	30.8	30.4	29.8	32.0	34.3	36.5	37.2
40°	21.3	25.7	31.1	35.1	35.2	36.8	40.9	44.7	44.9	47.6	49.2
37.5°	21.6	28.2	35.6	44.6	41.9	46.8	53.8	64.3	65.8	59.7	68.2
35°	21.5	31.7	47.6	58.0	56.6	60.0	76.6	92.0	99.0	89.0	102.7
32.5°	23.7	36.3	63.0	74.0	84.3	88.1	104.2	134.7	151.8	158.2	169.6
30°	28.7	50.5	80.7	92.6	121.4	140.6	154.0	190.5	221.7	316.5	386.8
27.5°	35.1	67.8	98.3	125.7	168.1	201.2	230.0	267.5	382.2	554.8	734.2
25°	41.2	91.1	117.6	168.7	226.2	270.8	310.3	363.5	603.9	957.6	1108.7
22.5°	53.7	117.8	148.3	217.0	289.6	342.4	399.8	543.7	868.4	1400.0	1462.2
20°	74.0	143.6	190.3	271.1	359.8	414.1	490.2	732.9	1167.8	1574.0	1742.4
17.5°	95.8	171.8	236.4	335.1	442.6	504.1	593.1	915.0	1425.8	1787.4	2013.3
15°	118.5	201.8	280.6	405.2	530.2	615.1	798.9	1165.2	1629.6	2037.5	2366.8
12.5°	141.6	232.9	322.8	479.5	621.9	724.7	1048.3	1546.8	1971.0	2353.0	2800.0
10°	164.4	264.5	362.8	555.8	716.1	832.3	1323.0	1934.5	2351.1	2724.7	3183.0
7.5°	210.1	307.0	404.9	632.0	810.8	937.1	1610.2	2319.9	2699.8	3050.4	3500.1
5°	259.9	359.3	469.7	722.7	905.7	1033.8	1871.7	2692.6	3021.3	3337.4	3776.7
2.5°	308.5	409.2	532.3	809.7	996.4	1117.6	2005.6	2897.2	3225.7	3557.4	4015.4
0°	353.6	456.6	592.0	889.0	1081.0	1196.2	2103.4	3069.2	3396.5	3742.0	4224.9
-2.5°	391.2	504.8	655.0	926.6	1104.5	1216.2	2071.2	3067.5	3460.2	3844.0	4343.7
-5°	422.5	549.9	713.1	957.8	1123.3	1232.7	2007.6	3019.1	3512.8	3925.6	4433.3
-7.5°	447.1	591.5	765.3	982.1	1134.9	1240.9	1979.7	3039.2	3606.8	3997.4	4491.8
-10°	460.5	608.0	769.2	981.1	1137.0	1242.7	1917.8	2997.6	3684.7	4061.2	4516.6
-12.5°	442.6	601.1	759.2	971.0	1137.7	1242.0	1798.8	2887.5	3748.6	4122.0	4494.1
-15°	422.7	590.7	742.9	951.1	1137.8	1239.0	1617.0	2704.2	3712.4	4013.2	4399.9
-17.5°	401.9	576.9	720.0	920.9	1138.3	1234.1	1358.5	2310.8	3350.1	3783.1	4247.9
-20°	381.1	559.5	690.2	879.8	1132.3	1201.0	1258.8	1911.4	2822.1	3490.5	3960.2



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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°	361.3	538.5	660.0	840.6	1044.5	1144.1	1199.0	1524.7	2278.3	3134.9	3530.4
-25°	350.5	507.5	633.8	780.5	952.9	1084.7	1131.9	1199.6	1798.2	2572.8	3138.3
-27.5°	345.0	480.5	598.6	720.8	868.0	1013.5	1064.6	1123.4	1428.2	2022.7	2726.2
-30°	336.0	446.1	561.6	666.3	797.8	922.3	996.9	1064.2	1147.0	1593.7	2150.1
-32.5°	315.7	410.3	521.3	623.4	732.5	842.7	947.8	1021.2	1088.7	1209.8	1649.9
-35°	292.0	380.1	479.4	578.9	671.1	778.6	887.9	983.9	1038.5	1094.8	1288.9
-37.5°	272.4	348.1	436.7	532.7	621.5	718.9	825.0	926.4	1001.9	1053.3	1127.0
-40°	251.2	314.3	398.1	485.6	572.5	660.4	758.0	856.7	950.8	1029.5	1088.8
-42.5°	228.4	289.1	359.5	438.0	521.1	603.9	689.0	782.8	881.9	984.5	1061.4
-45°	203.4	262.5	321.2	394.5	468.3	545.3	624.5	707.4	807.6	905.9	1003.3
-47.5°	176.6	233.9	290.6	350.6	418.5	487.2	558.1	642.4	730.6	823.4	914.9
-50°	148.7	202.2	259.0	313.7	371.5	432.3	495.4	578.5	662.6	742.9	825.0
-52.5°	121.9	168.5	223.0	278.2	329.4	382.9	443.4	516.4	595.0	672.7	745.9
-55°	94.1	137.3	184.1	237.4	290.1	337.8	394.8	459.6	526.0	599.7	670.7
-57.5°	72.6	105.6	146.6	192.2	243.3	295.7	350.0	404.6	465.1	527.6	588.7
-60°	54.1	78.2	109.6	148.9	191.3	242.5	301.8	356.0	407.4	458.4	514.2
-62.5°	37.5	56.4	78.6	105.9	142.8	184.8	235.7	291.8	351.6	396.9	441.5
-65°	33.5	38.7	54.1	74.4	94.9	129.8	170.2	214.3	265.1	311.4	359.6
-67.5°	29.3	34.0	38.9	46.9	65.2	84.5	105.1	140.9	179.4	212.6	247.0
-70°	26.5	29.3	33.3	37.9	42.5	50.3	67.2	85.1	103.0	122.3	150.0
-72.5°	23.9	26.6	29.1	31.6	35.5	39.4	43.2	46.9	57.1	71.1	83.9
-75°	21.7	23.8	26.1	28.4	30.5	32.7	35.3	38.6	41.8	45.1	48.6
-77.5°	19.6	21.0	22.8	24.9	26.5	27.8	29.5	31.4	33.5	35.4	37.3
-80°	17.5	18.2	19.2	20.5	21.9	23.2	24.3	25.2	26.3	27.8	29.4
-82.5°	15.7	16.1	16.6	17.0	17.8	18.8	19.8	20.9	21.6	22.3	23.1
-85°	13.8	14.1	14.4	14.7	15.1	15.5	16.1	16.6	17.0	17.3	17.7
-87.5°	11.9	12.1	12.2	12.4	12.7	13.0	13.3	13.5	13.7	13.9	14.0
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	14.1	14.1	14.1	14.1	14.1	17.1	20.2	23.2	26.3	30.8	35.4
87.5°	4.0	3.9	3.9	3.8	3.8	3.4	2.9	2.5	2.0	1.5	1.0
85°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0
82.5°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0
80°	4.7	4.6	4.5	4.3	4.0	3.6	3.1	2.6	2.0	2.0	2.0
77.5°	6.2	5.7	5.2	4.6	4.1	3.8	3.7	3.7	3.7	3.4	3.0
75°	6.3	6.1	6.2	6.0	5.3	4.9	4.7	4.5	4.1	3.9	3.9
72.5°	12.2	12.2	11.5	10.8	9.7	9.1	8.9	8.3	7.4	7.1	6.8
70°	22.2	21.8	20.9	19.2	16.4	14.1	12.8	11.5	10.1	9.6	9.7
67.5°	32.2	28.9	26.2	23.0	19.1	16.2	14.6	12.9	11.0	10.1	10.1
65°	37.3	30.4	25.9	22.5	20.0	17.1	14.4	12.0	9.8	8.8	9.1
62.5°	35.4	26.4	20.9	17.6	15.3	13.7	11.6	10.0	8.8	8.2	8.2
60°	29.4	19.7	14.8	13.2	11.7	10.2	9.6	8.7	7.7	6.8	7.1
57.5°	22.8	15.7	12.0	11.4	10.9	10.3	9.5	8.6	7.9	7.4	7.8
55°	17.0	14.0	12.2	12.3	12.0	11.1	10.0	9.8	9.6	9.4	9.6
52.5°	14.9	14.8	15.3	15.2	13.8	12.7	11.9	12.0	12.2	12.5	13.0
50°	16.9	17.5	17.2	15.9	15.5	15.0	14.1	15.0	16.1	16.6	17.0
47.5°	20.2	20.5	20.8	19.4	19.7	21.1	21.5	22.1	24.4	26.1	27.6
45°	25.9	28.1	28.7	29.5	30.0	33.1	34.7	35.5	41.8	44.7	45.1
42.5°	37.4	40.8	43.6	48.0	47.3	54.9	64.7	69.9	69.5	67.5	67.4
40°	54.7	60.7	74.0	81.1	88.8	97.6	98.5	87.7	87.8	98.8	98.2
37.5°	84.3	105.0	123.9	140.5	144.6	139.6	141.5	149.7	159.5	160.4	165.2
35°	142.1	184.0	193.8	206.6	220.6	207.3	205.6	218.8	214.4	237.1	253.4
32.5°	245.7	305.2	323.3	338.8	378.0	355.3	292.6	383.9	363.4	388.8	427.5
30°	390.8	507.8	586.5	610.0	619.9	622.6	681.6	733.9	775.2	830.5	908.8
27.5°	740.3	817.8	948.6	1021.9	929.6	967.8	1119.1	1146.7	1302.6	1472.2	1611.3
25°	1125.8	1212.8	1445.4	1474.7	1397.6	1539.3	1685.7	1716.1	1991.2	2190.9	2668.9
22.5°	1474.2	1620.1	1869.0	1939.7	2003.9	2172.4	2342.5	2545.4	3165.2	3933.8	5328.5
20°	1769.2	1931.9	2175.2	2371.7	2532.2	2747.1	2945.3	3638.1	4973.1	7893.1	11069.1
17.5°	2126.2	2227.1	2527.9	2790.6	3042.0	3349.9	4226.0	5975.7	9840.6	16202.9	22233.0
15°	2607.2	2807.7	2994.3	3278.7	3748.3	4643.8	6576.9	12276.4	20362.0	31459.4	45205.1
12.5°	3161.9	3438.3	3697.2	3938.4	4612.1	6724.2	12892.3	22776.0	36368.0	54195.0	81171.9
10°	3657.2	4079.5	4397.3	4818.2	6123.1	10230.5	19752.4	33725.3	57608.9	89107.6	124312.6
7.5°	4001.1	4503.0	4931.5	5557.3	7685.0	14643.5	27825.1	49584.9	83534.8	125977.2	173467.9
5°	4328.3	4894.2	5314.9	6084.6	8717.7	17709.0	33943.9	62804.5	108910.4	164992.1	225965.2
2.5°	4637.4	5239.6	5653.2	6556.9	9369.7	19106.2	36506.8	71022.8	125324.4	191753.3	264168.4
0°	4924.0	5493.8	5926.2	6778.9	9920.8	20447.8	38687.1	73672.6	130869.7	199632.4	275798.3
-2.5°	4870.5	5294.1	5772.8	6627.6	9396.6	19009.3	36146.2	70560.2	124359.4	190226.6	260286.3
-5°	4851.8	5195.3	5627.5	6402.2	8749.2	16425.4	32103.3	63533.1	113692.2	173051.8	238306.1
-7.5°	4866.2	5138.9	5476.8	6117.5	7967.3	13887.4	27912.4	55075.4	96505.4	146763.6	205690.8
-10°	4896.7	5107.7	5450.2	6013.8	7308.7	11099.9	21123.9	42433.2	75877.9	115851.8	161768.3
-12.5°	4949.5	5233.7	5577.5	5960.5	6646.8	8841.2	16613.3	32939.6	56101.7	84185.2	119123.5
-15°	4931.3	5297.8	5686.2	5922.7	6296.4	7517.8	10776.1	21749.7	38817.6	57443.2	78587.5
-17.5°	4798.5	5237.3	5407.9	5591.4	5818.8	6420.5	8239.1	13117.5	22836.8	35074.7	46970.7
-20°	4490.2	4712.1	4925.6	5144.7	5396.3	5728.4	6294.1	8194.5	11040.5	17984.9	23790.3



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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°	3911.4	4125.0	4310.0	4665.2	4919.3	5163.3	5474.8	5886.1	6980.7	8700.2	11557.9
-25°	3414.9	3546.5	3806.7	4221.5	4494.6	4640.6	4836.1	4992.1	5367.3	5766.6	6753.7
-27.5°	3018.1	3215.4	3536.0	3899.3	4161.1	4278.6	4381.3	4473.0	4708.7	4871.9	5152.2
-30°	2704.2	3023.7	3324.1	3656.5	3897.2	4036.9	4080.7	4213.0	4366.6	4483.2	4596.7
-32.5°	2253.8	2815.9	3089.1	3364.4	3636.3	3808.2	3926.1	4030.4	4174.5	4264.0	4308.7
-35°	1768.8	2344.3	2882.4	3067.0	3264.7	3511.6	3712.7	3818.8	3913.6	3999.9	4054.3
-37.5°	1334.8	1806.3	2307.2	2757.7	2969.3	3154.1	3446.5	3623.5	3709.5	3838.2	3911.3
-40°	1157.6	1291.4	1718.8	2140.7	2520.4	2941.2	3225.7	3498.6	3768.4	3933.7	4041.1
-42.5°	1117.9	1172.5	1223.3	1519.0	1898.6	2279.9	2699.1	3162.1	3549.3	3840.9	4111.8
-45°	1085.9	1127.5	1168.3	1214.6	1259.1	1550.8	1878.5	2223.6	2669.1	3100.4	3472.8
-47.5°	1003.1	1081.7	1127.7	1162.6	1198.9	1239.3	1276.4	1354.7	1654.3	1972.8	2275.3
-50°	909.0	987.0	1056.8	1121.4	1168.1	1199.5	1222.9	1253.6	1289.3	1321.2	1350.3
-52.5°	816.4	892.0	963.0	1033.2	1099.1	1159.7	1215.7	1251.1	1278.2	1302.0	1316.8
-55°	738.6	803.8	867.4	936.8	1004.5	1069.0	1129.8	1184.5	1235.9	1284.0	1311.5
-57.5°	653.4	717.6	781.3	845.4	907.2	966.4	1025.1	1082.3	1136.6	1186.2	1216.2
-60°	569.2	623.1	686.4	752.3	813.8	871.1	929.5	984.9	1036.3	1079.9	1106.8
-62.5°	490.0	540.4	593.0	651.5	714.8	776.6	828.6	881.0	933.5	978.6	1009.4
-65°	406.1	448.3	491.0	536.8	585.2	635.8	687.8	739.0	788.9	829.7	859.0
-67.5°	287.3	329.2	369.9	410.7	447.9	485.3	525.1	565.4	605.3	638.2	664.1
-70°	177.1	203.3	228.0	254.4	285.5	318.0	351.2	382.3	411.0	432.3	448.0
-72.5°	95.6	106.1	118.8	138.6	157.1	176.5	196.6	215.8	233.9	247.3	257.4
-75°	52.4	57.2	65.3	73.1	80.4	88.9	97.8	106.0	113.6	121.2	128.1
-77.5°	39.6	42.1	44.2	46.1	47.8	50.8	54.3	57.8	61.2	65.8	70.6
-80°	31.0	32.2	33.4	34.6	35.8	37.9	40.1	42.3	44.4	46.6	48.6
-82.5°	23.9	24.5	25.0	25.5	26.0	27.4	28.8	30.1	31.4	33.6	35.9
-85°	18.0	18.4	18.8	19.2	19.4	20.5	21.6	22.7	23.8	25.4	27.0
-87.5°	14.1	14.5	15.0	15.5	16.0	16.7	17.4	18.0	18.5	20.0	21.4
-90°	4.0	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	1.5	1.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	39.9	44.5	47.5	50.5	47.5	44.5	39.9	35.4	30.8	26.3	23.2
87.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.5
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6
77.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.7	3.7
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	4.1	4.5
72.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	6.8	7.1	7.4	8.3
70°	9.9	10.0	10.1	10.1	10.1	10.0	9.9	9.7	9.6	10.1	11.5
67.5°	10.1	10.1	9.2	8.1	9.2	10.1	10.1	10.1	10.1	11.0	12.9
65°	9.5	10.0	9.2	8.1	9.2	10.0	9.5	9.1	8.8	9.8	12.0
62.5°	8.2	8.2	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.8	10.0
60°	7.5	8.0	8.1	8.1	8.1	8.0	7.5	7.1	6.8	7.7	8.7
57.5°	8.0	8.1	8.9	10.1	8.9	8.1	8.0	7.8	7.4	7.9	8.6
55°	9.8	10.0	10.1	10.1	10.1	10.0	9.8	9.6	9.4	9.6	9.8
52.5°	13.5	13.8	14.0	14.1	14.0	13.8	13.5	13.0	12.5	12.2	12.0
50°	17.5	17.9	17.4	16.2	17.4	17.9	17.5	17.0	16.6	16.1	15.0
47.5°	29.0	29.7	29.4	28.3	29.4	29.7	29.0	27.6	26.1	24.4	22.1
45°	46.2	46.3	46.1	46.5	46.1	46.3	46.2	45.1	44.7	41.8	35.5
42.5°	69.2	69.9	70.1	70.7	70.1	69.9	69.2	67.4	67.5	69.5	69.9
40°	100.0	100.5	99.3	97.0	99.3	100.5	100.0	98.2	98.8	87.8	87.7
37.5°	173.6	177.5	176.5	173.8	176.5	177.5	173.6	165.2	160.4	159.5	149.7
35°	259.3	256.9	250.0	250.5	250.0	256.9	259.3	253.4	237.1	214.4	218.8
32.5°	405.0	419.5	424.0	426.3	424.0	419.5	405.0	427.5	388.8	363.4	383.9
30°	964.0	934.8	805.5	765.8	805.5	934.8	964.0	908.8	830.5	775.2	733.9
27.5°	1712.4	1804.7	1889.1	1897.3	1889.1	1804.7	1712.4	1611.3	1472.2	1302.6	1146.7
25°	3162.5	3473.2	3604.1	3586.4	3604.1	3473.2	3162.5	2668.9	2190.9	1991.2	1716.1
22.5°	6977.6	8037.9	8590.5	8609.5	8590.5	8037.9	6977.6	5328.5	3933.8	3165.2	2545.4
20°	15225.0	17784.0	18430.1	18237.3	18430.1	17784.0	15225.0	11069.1	7893.1	4973.1	3638.1
17.5°	31392.5	38962.3	44130.3	44486.0	44130.3	38962.3	31392.5	22233.0	16202.9	9840.6	5975.7
15°	61099.2	75014.0	82230.0	83456.0	82230.0	75014.0	61099.2	45205.1	31459.4	20362.0	12276.4
12.5°	106735.6	127915.2	139699.3	141715.9	139699.3	127915.2	106735.6	81171.9	54195.0	36368.0	22776.0
10°	162805.6	192345.9	211553.5	220223.6	211553.5	192345.9	162805.6	124312.6	89107.6	57608.9	33725.3
7.5°	220337.8	266876.2	304882.3	313499.4	304882.3	266876.2	220337.8	173467.9	125977.2	83534.8	49584.9
5°	291512.7	353913.5	390411.5	398840.4	390411.5	353913.5	291512.7	225965.2	164992.1	108910.4	62804.5
2.5°	344293.0	411384.4	449638.3	470660.2	449638.3	411384.4	344293.0	264168.4	191753.3	125324.4	71022.8
0°	360672.7	421720.9	467710.2	500778.2	467710.2	421720.9	360672.7	275798.3	199632.4	130869.7	73672.6
-2.5°	338502.4	403232.8	436603.0	455194.0	436603.0	403232.8	338502.4	260286.3	190226.6	124359.4	70560.2
-5°	303232.0	362733.7	399126.2	410345.3	399126.2	362733.7	303232.0	238306.1	173051.8	113692.2	63533.1
-7.5°	257022.9	300475.3	327729.9	341472.5	327729.9	300475.3	257022.9	205690.8	146763.6	96505.4	55075.4
-10°	207005.6	239984.0	260313.1	267916.2	260313.1	239984.0	207005.6	161768.3	115851.8	75877.9	42433.2
-12.5°	151618.6	177885.2	193503.0	199528.3	193503.0	177885.2	151618.6	119123.5	84185.2	56101.7	32939.6
-15°	100075.3	119009.7	131022.9	135217.9	131022.9	119009.7	100075.3	78587.5	57443.2	38817.6	21749.7
-17.5°	60655.4	71107.3	78883.9	80845.4	78883.9	71107.3	60655.4	46970.7	35074.7	22836.8	13117.5
-20°	32097.8	36801.2	39427.8	41204.7	39427.8	36801.2	32097.8	23790.3	17984.9	11040.5	8194.5



REPORT NUMBER: P1305838 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15216.8	17778.2	18958.7	19859.8	18958.7	17778.2	15216.8	11557.9	8700.2	6980.7	5886.1
-25°	7615.4	8145.3	8375.9	8698.4	8375.9	8145.3	7615.4	6753.7	5766.6	5367.3	4992.1
-27.5°	5341.6	5465.9	5514.9	5554.4	5514.9	5465.9	5341.6	5152.2	4871.9	4708.7	4473.0
-30°	4654.9	4675.3	4672.4	4669.4	4672.4	4675.3	4654.9	4596.7	4483.2	4366.6	4213.0
-32.5°	4357.1	4378.9	4377.3	4374.4	4377.3	4378.9	4357.1	4308.7	4264.0	4174.5	4030.4
-35°	4089.3	4117.6	4131.6	4138.0	4131.6	4117.6	4089.3	4054.3	3999.9	3913.6	3818.8
-37.5°	3952.1	3958.2	3942.2	3923.9	3942.2	3958.2	3952.1	3911.3	3838.2	3709.5	3623.5
-40°	4093.8	4189.9	4286.3	4315.9	4286.3	4189.9	4093.8	4041.1	3933.7	3768.4	3498.6
-42.5°	4201.0	4262.7	4290.5	4281.5	4290.5	4262.7	4201.0	4111.8	3840.9	3549.3	3162.1
-45°	3718.9	3910.1	4023.4	4051.2	4023.4	3910.1	3718.9	3472.8	3100.4	2669.1	2223.6
-47.5°	2529.1	2743.3	2878.2	2921.7	2878.2	2743.3	2529.1	2275.3	1972.8	1654.3	1354.7
-50°	1378.6	1405.6	1414.4	1406.3	1414.4	1405.6	1378.6	1350.3	1321.2	1289.3	1253.6
-52.5°	1331.4	1347.4	1357.7	1363.9	1357.7	1347.4	1331.4	1316.8	1302.0	1278.2	1251.1
-55°	1335.0	1355.6	1366.9	1371.9	1366.9	1355.6	1335.0	1311.5	1284.0	1235.9	1184.5
-57.5°	1242.8	1265.9	1277.0	1281.0	1277.0	1265.9	1242.8	1216.2	1186.2	1136.6	1082.3
-60°	1131.1	1153.1	1161.6	1163.8	1161.6	1153.1	1131.1	1106.8	1079.9	1036.3	984.9
-62.5°	1037.9	1063.8	1074.9	1079.0	1074.9	1063.8	1037.9	1009.4	978.6	933.5	881.0
-65°	884.8	906.9	914.4	915.3	914.4	906.9	884.8	859.0	829.7	788.9	739.0
-67.5°	687.2	707.2	714.2	715.3	714.2	707.2	687.2	664.1	638.2	605.3	565.4
-70°	460.6	470.2	474.3	474.8	474.3	470.2	460.6	448.0	432.3	411.0	382.3
-72.5°	265.2	271.0	272.9	272.8	272.9	271.0	265.2	257.4	247.3	233.9	215.8
-75°	134.3	139.7	141.0	141.4	141.0	139.7	134.3	128.1	121.2	113.6	106.0
-77.5°	75.4	80.1	80.7	80.8	80.7	80.1	75.4	70.6	65.8	61.2	57.8
-80°	50.5	52.3	52.5	52.5	52.5	52.3	50.5	48.6	46.6	44.4	42.3
-82.5°	38.1	40.2	40.4	40.4	40.4	40.2	38.1	35.9	33.6	31.4	30.1
-85°	28.7	30.2	31.3	32.3	31.3	30.2	28.7	27.0	25.4	23.8	22.7
-87.5°	22.8	24.3	25.3	26.3	25.3	24.3	22.8	21.4	20.0	18.5	18.0
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.2	17.1	14.1	14.1	14.1	14.1	14.1	13.6	13.1	12.6	12.1
87.5°	2.9	3.4	3.8	3.8	3.9	3.9	4.0	4.5	5.1	5.6	6.1
85°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	5.1	5.6	6.1
82.5°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.6	5.1	5.6	6.1
80°	3.1	3.6	4.0	4.3	4.5	4.6	4.7	5.0	5.3	5.7	6.1
77.5°	3.7	3.8	4.1	4.6	5.2	5.7	6.2	6.6	6.9	7.1	7.1
75°	4.7	4.9	5.3	6.0	6.2	6.1	6.3	6.8	7.3	7.8	8.1
72.5°	8.9	9.1	9.7	10.8	11.5	12.2	12.2	11.4	10.4	9.1	8.1
70°	12.8	14.1	16.4	19.2	20.9	21.8	22.2	21.2	18.5	16.3	13.5
67.5°	14.6	16.2	19.1	23.0	26.2	28.9	32.2	35.4	35.4	32.5	23.3
65°	14.4	17.1	20.0	22.5	25.9	30.4	37.3	41.8	44.7	46.0	37.8
62.5°	11.6	13.7	15.3	17.6	20.9	26.4	35.4	42.7	49.0	50.3	42.5
60°	9.6	10.2	11.7	13.2	14.8	19.7	29.4	39.5	50.0	48.6	43.5
57.5°	9.5	10.3	10.9	11.4	12.0	15.7	22.8	32.5	43.4	42.9	40.0
55°	10.0	11.1	12.0	12.3	12.2	14.0	17.0	23.0	31.8	34.5	33.3
52.5°	11.9	12.7	13.8	15.2	15.3	14.8	14.9	18.2	21.0	24.7	26.7
50°	14.1	15.0	15.5	15.9	17.2	17.5	16.9	16.8	18.4	19.9	20.6
47.5°	21.5	21.1	19.7	19.4	20.8	20.5	20.2	19.9	21.1	19.9	19.8
45°	34.7	33.1	30.0	29.5	28.7	28.1	25.9	27.1	27.2	26.0	22.0
42.5°	64.7	54.9	47.3	48.0	43.6	40.8	37.4	37.2	36.5	34.3	32.0
40°	98.5	97.6	88.8	81.1	74.0	60.7	54.7	49.2	47.6	44.9	44.7
37.5°	141.5	139.6	144.6	140.5	123.9	105.0	84.3	68.2	59.7	65.8	64.3
35°	205.6	207.3	220.6	206.6	193.8	184.0	142.1	102.7	89.0	99.0	92.0
32.5°	292.6	355.3	378.0	338.8	323.3	305.2	245.7	169.6	158.2	151.8	134.7
30°	681.6	622.6	619.9	610.0	586.5	507.8	390.8	386.8	316.5	221.7	190.5
27.5°	1119.1	967.8	929.6	1021.9	948.6	817.8	740.3	734.2	554.8	382.2	267.5
25°	1685.7	1539.3	1397.6	1474.7	1445.4	1212.8	1125.8	1108.7	957.6	603.9	363.5
22.5°	2342.5	2172.4	2003.9	1939.7	1869.0	1620.1	1474.2	1462.2	1400.0	868.4	543.7
20°	2945.3	2747.1	2532.2	2371.7	2175.2	1931.9	1769.2	1742.4	1574.0	1167.8	732.9
17.5°	4226.0	3349.9	3042.0	2790.6	2527.9	2227.1	2126.2	2013.3	1787.4	1425.8	915.0
15°	6576.9	4643.8	3748.3	3278.7	2994.3	2807.7	2607.2	2366.8	2037.5	1629.6	1165.2
12.5°	12892.3	6724.2	4612.1	3938.4	3697.2	3438.3	3161.9	2800.0	2353.0	1971.0	1546.8
10°	19752.4	10230.5	6123.1	4818.2	4397.3	4079.5	3657.2	3183.0	2724.7	2351.1	1934.5
7.5°	27825.1	14643.5	7685.0	5557.3	4931.5	4503.0	4001.1	3500.1	3050.4	2699.8	2319.9
5°	33943.9	17709.0	8717.7	6084.6	5314.9	4894.2	4328.3	3776.7	3337.4	3021.3	2692.6
2.5°	36506.8	19106.2	9369.7	6556.9	5653.2	5239.6	4637.4	4015.4	3557.4	3225.7	2897.2
0°	<b>38687.1</b>	<b>20447.8</b>	<b>9920.8</b>	<b>6778.9</b>	<b>5926.2</b>	<b>5493.8</b>	<b>4924.0</b>	<b>4224.9</b>	<b>3742.0</b>	<b>3396.5</b>	<b>3069.2</b>
-2.5°	36146.2	19009.3	9396.6	6627.6	5772.8	5294.1	4870.5	4343.7	3844.0	3460.2	3067.5
-5°	32103.3	16425.4	8749.2	6402.2	5627.5	5195.3	4851.8	4433.3	3925.6	3512.8	3019.1
-7.5°	27912.4	13887.4	7967.3	6117.5	5476.8	5138.9	4866.2	4491.8	3997.4	3606.8	3039.2
-10°	21123.9	11099.9	7308.7	6013.8	5450.2	5107.7	4896.7	4516.6	4061.2	3684.7	2997.6
-12.5°	16613.3	8841.2	6646.8	5960.5	5577.5	5233.7	4949.5	4494.1	4122.0	3748.6	2887.5
-15°	10776.1	7517.8	6296.4	5922.7	5686.2	5297.8	4931.3	4399.9	4013.2	3712.4	2704.2
-17.5°	8239.1	6420.5	5818.8	5591.4	5407.9	5237.3	4798.5	4247.9	3783.1	3350.1	2310.8
-20°	6294.1	5728.4	5396.3	5144.7	4925.6	4712.1	4490.2	3960.2	3490.5	2822.1	1911.4



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 CATALOG NUMBER: EPH-08-680R-57-70-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5474.8	5163.3	4919.3	4665.2	4310.0	4125.0	3911.4	3530.4	3134.9	2278.3	1524.7
-25°	4836.1	4640.6	4494.6	4221.5	3806.7	3546.5	3414.9	3138.3	2572.8	1798.2	1199.6
-27.5°	4381.3	4278.6	4161.1	3899.3	3536.0	3215.4	3018.1	2726.2	2022.7	1428.2	1123.4
-30°	4080.7	4036.9	3897.2	3656.5	3324.1	3023.7	2704.2	2150.1	1593.7	1147.0	1064.2
-32.5°	3926.1	3808.2	3636.3	3364.4	3089.1	2815.9	2253.8	1649.9	1209.8	1088.7	1021.2
-35°	3712.7	3511.6	3264.7	3067.0	2882.4	2344.3	1768.8	1288.9	1094.8	1038.5	983.9
-37.5°	3446.5	3154.1	2969.3	2757.7	2307.2	1806.3	1334.8	1127.0	1053.3	1001.9	926.4
-40°	3225.7	2941.2	2520.4	2140.7	1718.8	1291.4	1157.6	1088.8	1029.5	950.8	856.7
-42.5°	2699.1	2279.9	1898.6	1519.0	1223.3	1172.5	1117.9	1061.4	984.5	881.9	782.8
-45°	1878.5	1550.8	1259.1	1214.6	1168.3	1127.5	1085.9	1003.3	905.9	807.6	707.4
-47.5°	1276.4	1239.3	1198.9	1162.6	1127.7	1081.7	1003.1	914.9	823.4	730.6	642.4
-50°	1222.9	1199.5	1168.1	1121.4	1056.8	987.0	909.0	825.0	742.9	662.6	578.5
-52.5°	1215.7	1159.7	1099.1	1033.2	963.0	892.0	816.4	745.9	672.7	595.0	516.4
-55°	1129.8	1069.0	1004.5	936.8	867.4	803.8	738.6	670.7	599.7	526.0	459.6
-57.5°	1025.1	966.4	907.2	845.4	781.3	717.6	653.4	588.7	527.6	465.1	404.6
-60°	929.5	871.1	813.8	752.3	686.4	623.1	569.2	514.2	458.4	407.4	356.0
-62.5°	828.6	776.6	714.8	651.5	593.0	540.4	490.0	441.5	396.9	351.6	291.8
-65°	687.8	635.8	585.2	536.8	491.0	448.3	406.1	359.6	311.4	265.1	214.3
-67.5°	525.1	485.3	447.9	410.7	369.9	329.2	287.3	247.0	212.6	179.4	140.9
-70°	351.2	318.0	285.5	254.4	228.0	203.3	177.1	150.0	122.3	103.0	85.1
-72.5°	196.6	176.5	157.1	138.6	118.8	106.1	95.6	83.9	71.1	57.1	46.9
-75°	97.8	88.9	80.4	73.1	65.3	57.2	52.4	48.6	45.1	41.8	38.6
-77.5°	54.3	50.8	47.8	46.1	44.2	42.1	39.6	37.3	35.4	33.5	31.4
-80°	40.1	37.9	35.8	34.6	33.4	32.2	31.0	29.4	27.8	26.3	25.2
-82.5°	28.8	27.4	26.0	25.5	25.0	24.5	23.9	23.1	22.3	21.6	20.9
-85°	21.6	20.5	19.4	19.2	18.8	18.4	18.0	17.7	17.3	17.0	16.6
-87.5°	17.4	16.7	16.0	15.5	15.0	14.5	14.1	14.0	13.9	13.7	13.5
-90°	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.5	5.1	5.6	6.1



REPORT NUMBER: P1305838 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-57-70-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.6	11.1	10.6	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
87.5°	6.1	6.1	6.1	6.1	6.4	6.6	6.8	6.9	7.2	7.4	7.8
85°	6.1	6.1	6.1	6.1	6.6	7.1	7.5	7.8	7.8	7.8	7.9
82.5°	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1	8.1	8.1	8.1
80°	6.1	6.1	6.1	6.2	6.7	7.2	7.7	8.1	8.1	8.1	8.1
77.5°	6.8	6.5	6.2	6.2	6.7	7.2	7.7	8.1	8.1	8.1	8.1
75°	8.1	7.8	7.4	7.0	7.0	7.3	7.8	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	7.7	7.7	7.9	8.1	8.1	8.1	8.1
70°	10.7	8.6	8.1	8.1	8.1	8.1	8.0	8.2	8.1	8.1	8.1
67.5°	15.3	12.1	9.7	8.3	8.1	8.1	8.1	8.3	8.4	8.1	8.1
65°	26.9	18.1	11.9	9.9	8.6	8.1	8.1	8.5	8.7	8.5	8.1
62.5°	34.7	26.2	18.1	12.4	9.4	8.4	8.1	8.6	9.1	9.0	8.5
60°	38.4	30.3	23.8	17.7	11.9	8.6	8.2	8.7	9.2	9.5	9.0
57.5°	35.5	32.4	27.7	22.1	16.1	10.5	8.4	8.8	9.2	9.7	9.5
55°	30.6	28.4	29.5	25.6	19.7	13.7	9.5	8.9	9.4	9.8	10.0
52.5°	25.5	26.1	28.2	27.7	22.8	16.7	12.1	9.0	9.5	9.9	10.1
50°	21.1	24.8	27.6	28.2	25.4	19.6	14.3	10.6	9.6	10.0	10.1
47.5°	20.4	24.6	27.2	29.3	27.4	22.2	16.5	12.1	9.7	10.1	10.1
45°	24.1	26.0	28.0	29.4	29.1	23.9	18.7	13.3	10.6	10.2	10.1
42.5°	29.8	30.4	30.8	30.1	29.6	25.0	20.6	14.8	11.3	10.3	10.2
40°	40.9	36.8	35.2	35.1	31.1	25.7	21.3	16.4	11.8	10.7	10.3
37.5°	53.8	46.8	41.9	44.6	35.6	28.2	21.6	17.7	13.1	11.5	10.5
35°	76.6	60.0	56.6	58.0	47.6	31.7	21.5	18.4	15.2	12.4	10.8
32.5°	104.2	88.1	84.3	74.0	63.0	36.3	23.7	20.1	17.4	13.4	11.0
30°	154.0	140.6	121.4	92.6	80.7	50.5	28.7	22.2	19.6	14.5	11.5
27.5°	230.0	201.2	168.1	125.7	98.3	67.8	35.1	24.6	21.9	16.0	12.3
25°	310.3	270.8	226.2	168.7	117.6	91.1	41.2	27.4	24.0	17.8	13.2
22.5°	399.8	342.4	289.6	217.0	148.3	117.8	53.7	32.6	26.2	19.7	14.1
20°	490.2	414.1	359.8	271.1	190.3	143.6	74.0	37.6	28.5	21.5	15.1
17.5°	593.1	504.1	442.6	335.1	236.4	171.8	95.8	42.2	30.9	23.3	16.0
15°	798.9	615.1	530.2	405.2	280.6	201.8	118.5	46.6	33.4	25.1	16.8
12.5°	1048.3	724.7	621.9	479.5	322.8	232.9	141.6	50.6	35.9	26.8	17.6
10°	1323.0	832.3	716.1	555.8	362.8	264.5	164.4	56.8	39.9	28.5	18.3
7.5°	1610.2	937.1	810.8	632.0	404.9	307.0	210.1	68.2	44.1	30.2	18.9
5°	1871.7	1033.8	905.7	722.7	469.7	359.3	259.9	80.1	48.5	31.7	19.4
2.5°	2005.6	1117.6	996.4	809.7	532.3	409.2	308.5	91.8	52.7	33.1	19.8
0°	2103.4	1196.2	1081.0	889.0	592.0	456.6	353.6	103.0	56.6	34.3	20.2
-2.5°	2071.2	1216.2	1104.5	926.6	655.0	504.8	391.2	133.0	73.9	44.4	24.9
-5°	2007.6	1232.7	1123.3	957.8	713.1	549.9	422.5	161.4	90.4	54.1	29.4
-7.5°	1979.7	1240.9	1134.9	982.1	765.3	591.5	447.1	187.3	105.9	63.1	33.6
-10°	1917.8	1242.7	1137.0	981.1	769.2	608.0	460.5	210.1	119.8	71.0	37.3
-12.5°	1798.8	1242.0	1137.7	971.0	759.2	601.1	442.6	223.7	131.9	77.8	40.4
-15°	1617.0	1239.0	1137.8	951.1	742.9	590.7	422.7	231.7	141.4	83.9	42.8
-17.5°	1358.5	1234.1	1138.3	920.9	720.0	576.9	401.9	237.2	149.1	89.6	45.6
-20°	1258.8	1201.0	1132.3	879.8	690.2	559.5	381.1	239.9	155.1	93.7	48.2



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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°	1199.0	1144.1	1044.5	840.6	660.0	538.5	361.3	239.7	159.1	96.3	49.5
-25°	1131.9	1084.7	952.9	780.5	633.8	507.5	350.5	236.7	161.1	97.2	49.4
-27.5°	1064.6	1013.5	868.0	720.8	598.6	480.5	345.0	237.8	161.3	96.3	47.9
-30°	996.9	922.3	797.8	666.3	561.6	446.1	336.0	236.6	159.8	94.4	44.8
-32.5°	947.8	842.7	732.5	623.4	521.3	410.3	315.7	232.5	155.9	90.8	43.1
-35°	887.9	778.6	671.1	578.9	479.4	380.1	292.0	225.7	149.5	84.9	41.5
-37.5°	825.0	718.9	621.5	532.7	436.7	348.1	272.4	208.3	140.6	76.6	38.9
-40°	758.0	660.4	572.5	485.6	398.1	314.3	251.2	189.2	129.2	65.9	35.5
-42.5°	689.0	603.9	521.1	438.0	359.5	289.1	228.4	168.4	111.4	58.4	31.0
-45°	624.5	545.3	468.3	394.5	321.2	262.5	203.4	146.0	92.0	52.3	27.6
-47.5°	558.1	487.2	418.5	350.6	290.6	233.9	176.6	123.5	72.0	44.8	26.4
-50°	495.4	432.3	371.5	313.7	259.0	202.2	148.7	100.0	61.4	35.6	25.0
-52.5°	443.4	382.9	329.4	278.2	223.0	168.5	121.9	76.8	49.9	31.0	23.3
-55°	394.8	337.8	290.1	237.4	184.1	137.3	94.1	62.5	37.5	28.5	21.5
-57.5°	350.0	295.7	243.3	192.2	146.6	105.6	72.6	47.3	32.3	25.8	20.4
-60°	301.8	242.5	191.3	148.9	109.6	78.2	54.1	35.3	29.3	23.4	19.1
-62.5°	235.7	184.8	142.8	105.9	78.6	56.4	37.5	31.8	26.1	21.8	17.7
-65°	170.2	129.8	94.9	74.4	54.1	38.7	33.5	28.2	23.9	20.1	16.4
-67.5°	105.1	84.5	65.2	46.9	38.9	34.0	29.3	25.6	22.0	18.4	15.5
-70°	67.2	50.3	42.5	37.9	33.3	29.3	26.5	23.4	20.0	17.3	14.5
-72.5°	43.2	39.4	35.5	31.6	29.1	26.6	23.9	21.3	18.7	16.1	13.5
-75°	35.3	32.7	30.5	28.4	26.1	23.8	21.7	19.8	17.4	14.9	12.8
-77.5°	29.5	27.8	26.5	24.9	22.8	21.0	19.6	18.3	16.0	14.0	12.1
-80°	24.3	23.2	21.9	20.5	19.2	18.2	17.5	16.7	14.8	13.1	11.5
-82.5°	19.8	18.8	17.8	17.0	16.6	16.1	15.7	15.1	13.5	12.1	10.9
-85°	16.1	15.5	15.1	14.7	14.4	14.1	13.8	13.4	12.4	11.4	10.7
-87.5°	13.3	13.0	12.7	12.4	12.2	12.1	11.9	11.8	11.2	10.8	10.4
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.1	9.6	9.1	8.6	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
67.5°	8.2	8.1	8.1	8.1	8.1	8.1	8.1
65°	8.2	8.2	8.1	8.1	8.1	8.1	8.1
62.5°	8.3	8.3	8.1	8.1	8.1	8.1	8.1
60°	8.5	8.5	8.1	8.1	8.1	8.1	8.1
57.5°	8.9	8.7	8.3	8.1	8.1	8.1	8.1
55°	9.2	8.9	8.5	8.1	8.2	8.1	8.1
52.5°	9.6	9.1	8.7	8.1	8.2	8.1	8.1
50°	9.9	9.4	8.9	8.1	8.2	8.1	8.1
47.5°	10.1	9.6	9.2	8.1	8.3	8.1	8.1
45°	10.1	9.7	9.4	8.3	8.3	8.1	8.1
42.5°	10.1	9.9	9.6	8.5	8.4	8.1	8.1
40°	10.1	10.0	9.8	8.7	8.5	8.1	8.1
37.5°	10.1	10.1	9.9	9.0	8.6	8.1	8.1
35°	10.1	10.1	10.0	9.2	8.6	8.1	8.1
32.5°	10.2	10.1	10.0	9.3	8.7	8.1	8.1
30°	10.4	10.1	10.1	9.5	8.8	8.1	8.1
27.5°	10.6	10.1	10.1	9.6	8.9	8.1	8.1
25°	10.8	10.1	10.1	9.7	9.0	8.1	8.1
22.5°	11.1	10.1	10.1	9.8	9.1	8.1	8.1
20°	11.3	10.3	10.1	9.9	9.3	8.1	8.1
17.5°	11.7	10.5	10.1	10.0	9.4	8.1	8.1
15°	12.1	10.7	10.1	10.0	9.5	8.1	8.1
12.5°	12.5	10.9	10.1	10.1	9.6	8.1	8.1
10°	12.8	11.1	10.1	10.1	9.7	8.1	8.1
7.5°	13.2	11.4	10.1	10.1	9.8	8.1	8.1
5°	13.5	11.6	10.1	10.1	9.9	8.1	8.1
2.5°	13.8	11.9	10.1	10.1	10.0	8.1	8.1
0°	14.1	12.1	10.1	10.1	10.1	8.1	8.1
-2.5°	15.7	12.5	10.3	10.2	10.1	8.1	8.1
-5°	17.3	13.0	10.5	10.4	10.1	8.2	8.1
-7.5°	18.7	13.3	10.6	10.5	10.1	8.2	8.1
-10°	20.0	13.7	10.8	10.6	10.0	8.3	8.1
-12.5°	21.1	14.0	11.0	10.7	10.0	8.3	8.1
-15°	22.0	14.2	11.1	10.8	10.0	8.4	8.1
-17.5°	22.7	14.4	11.3	10.9	10.0	8.4	8.1
-20°	23.3	14.5	11.5	10.9	9.9	8.4	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.2	14.5	11.6	11.0	9.9	8.5	8.1
-25°	24.5	14.7	11.8	11.0	9.9	8.5	8.1
-27.5°	24.3	14.9	12.0	11.0	9.9	8.5	8.1
-30°	23.5	15.0	12.1	11.0	9.8	8.5	8.1
-32.5°	22.1	15.0	12.4	11.0	9.8	8.6	8.1
-35°	21.6	14.8	12.5	10.9	9.8	8.6	8.1
-37.5°	21.3	14.7	12.7	10.8	9.8	8.6	8.1
-40°	20.9	14.9	12.8	10.7	9.8	8.6	8.1
-42.5°	20.3	15.0	12.7	10.5	9.8	8.6	8.1
-45°	19.5	14.9	12.5	10.4	9.8	8.6	8.1
-47.5°	18.6	14.8	12.3	10.3	9.8	8.6	8.1
-50°	18.1	14.6	12.1	10.2	9.8	8.6	8.1
-52.5°	17.6	14.2	11.8	10.3	9.8	8.6	8.1
-55°	17.0	13.8	11.5	10.3	9.8	8.6	8.1
-57.5°	16.2	13.3	11.2	10.3	9.8	8.6	8.1
-60°	15.3	12.8	10.8	10.2	9.8	8.5	8.1
-62.5°	14.6	12.3	10.8	10.2	9.7	8.5	8.1
-65°	13.8	11.7	10.7	10.2	9.6	8.5	8.1
-67.5°	12.9	11.3	10.5	10.2	9.5	8.5	8.1
-70°	12.0	11.0	10.4	10.1	9.4	8.4	8.1
-72.5°	11.6	10.8	10.3	9.9	9.2	8.4	8.1
-75°	11.1	10.5	10.1	9.8	9.1	8.3	8.1
-77.5°	10.6	10.2	10.0	9.6	8.9	8.3	8.1
-80°	10.2	10.0	9.8	9.4	8.8	8.3	8.1
-82.5°	10.1	9.9	9.6	9.2	8.6	8.2	8.1
-85°	10.1	9.8	9.4	9.0	8.4	8.2	8.1
-87.5°	10.1	9.7	9.3	8.8	8.3	8.1	8.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1

(END OF REPORT)