

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: P1305951 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-5S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

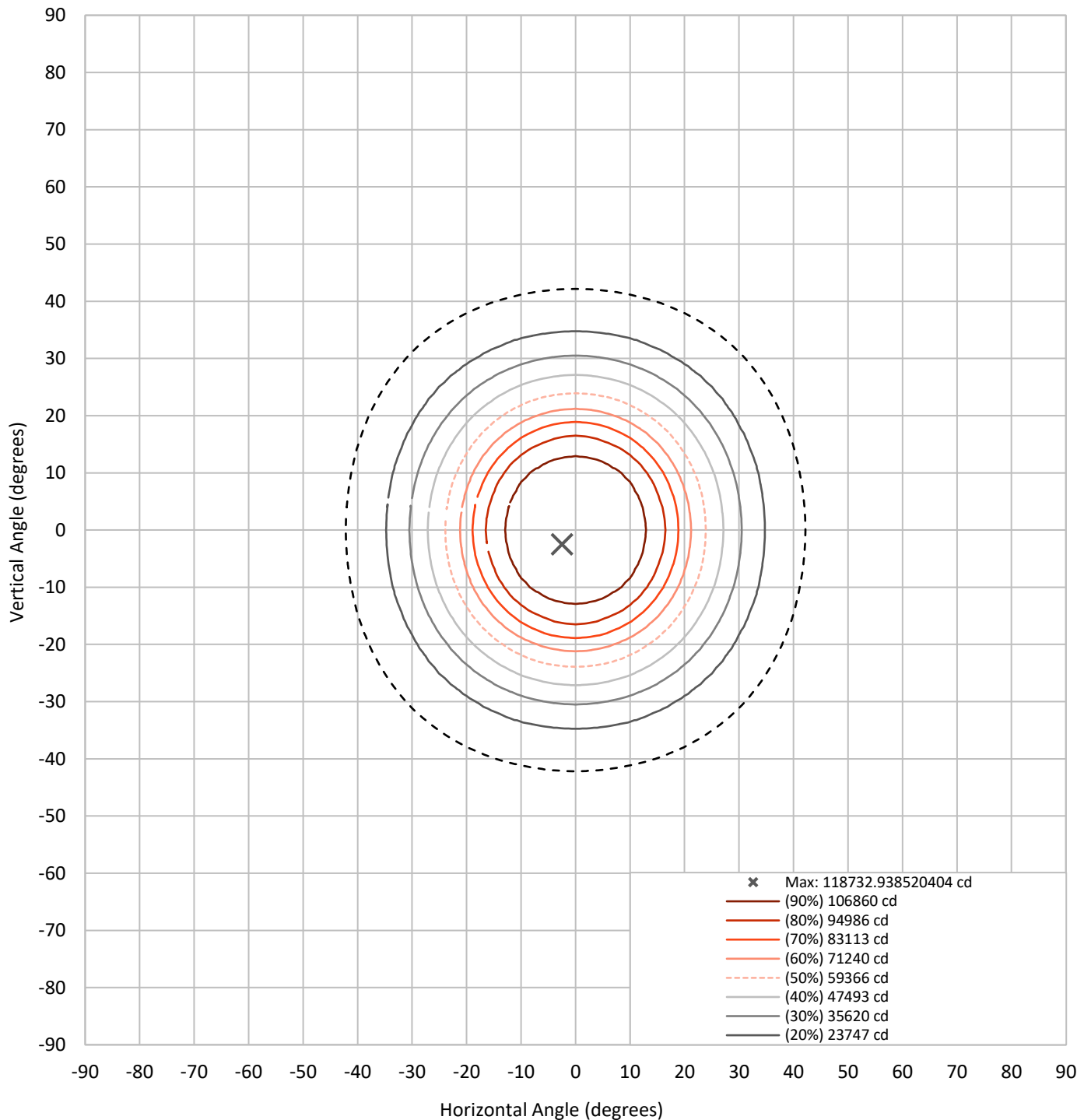
Test Method: LM-79-08  
Report Number: P1305951 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-57-80-5S-HEG-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	86786.6 lumens	Max Intensity:	118732.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	156.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47.6°H x 47.6°V	Field Angle (10%):	84.3°H x 84.3°V
Beam Lumens:	48687.3 lumens	Field Lumens:	80863.6 lumens
Beam Efficiency:	56.1%	Field Efficiency:	93.2%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





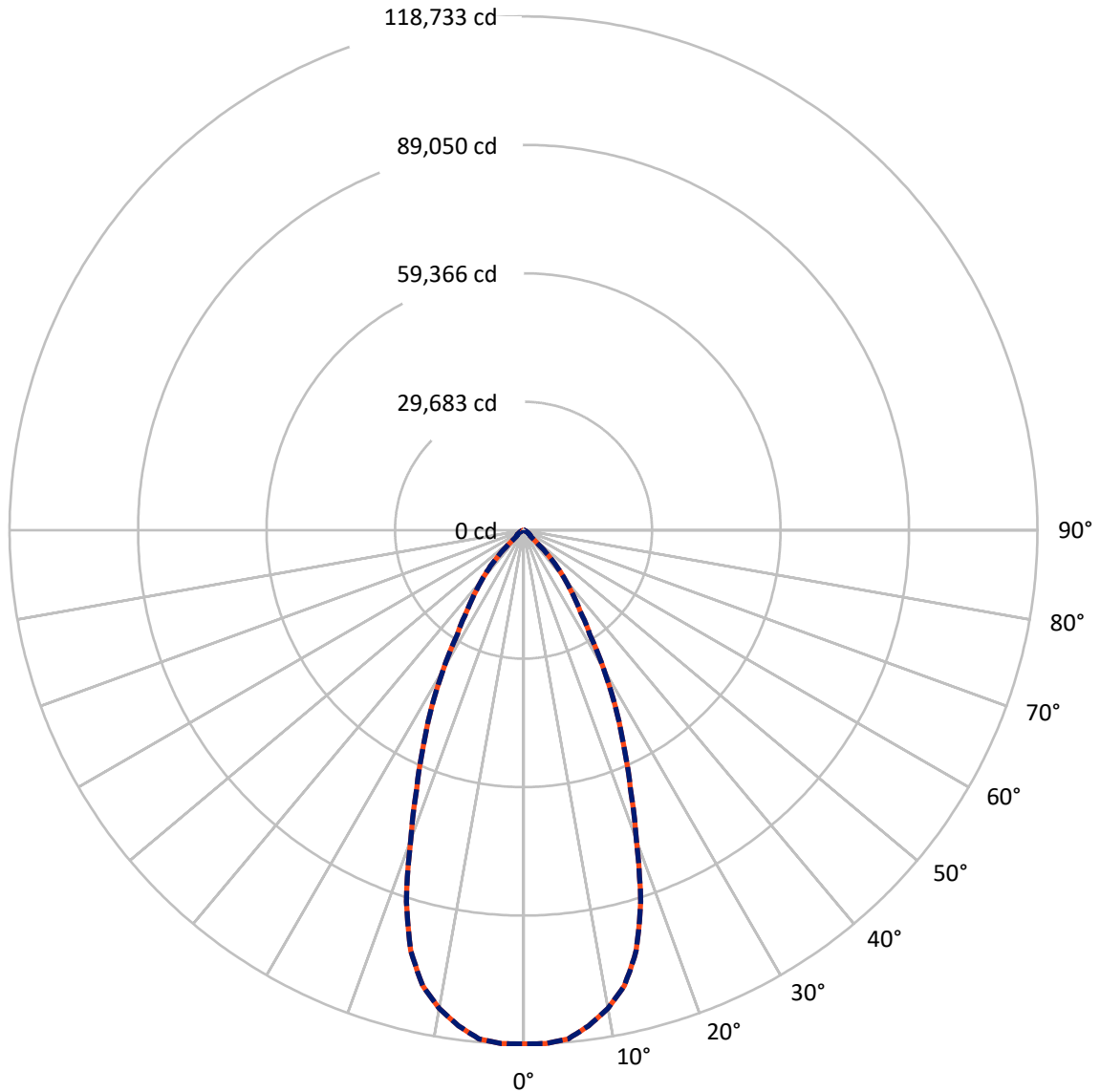
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### Lumen Table

90	0.1	0.8		2.7		5.9		7.5		5.9		2.7		0.8		0.1
80	0.1	0.8		2.7		5.9		7.5		5.9		2.7		0.8		0.1
70	0.4	0.5	1.5	3.8	7.7	12.5	17.0	19.5	19.5	17.0	12.5	7.7	3.8	1.5	0.5	0.4
60		1.1	4.4	12.0	23.4	35.6	44.9	49.9	49.9	44.9	35.6	23.4	12.0	4.4	1.1	
50	0.9	2.3	9.8	24.8	42.8	77.2	157.3	221.4	221.4	157.3	77.2	42.8	24.8	9.8	2.3	0.9
40		4.1	16.6	37.1	107.7	326.0	550.5	705.3	705.3	550.5	326.0	107.7	37.1	16.6	4.1	
30	1.7	6.1	22.9	61.0	296.3	674.0	1206.3	1619.0	1619.0	1206.3	674.0	296.3	61.0	22.9	6.1	1.7
20		7.7	27.0	117.9	469.9	1135.2	2109.5	2874.1	2874.1	2109.5	1135.2	469.9	117.9	27.0	7.7	
10	2.0	8.6	29.0	161.2	584.7	1479.1	2790.3	3483.1	3483.1	2790.3	1479.1	584.7	161.2	29.0	8.6	2.0
0		8.6	29.0	161.2	584.7	1479.1	2790.3	3483.1	3483.1	2790.3	1479.1	584.7	161.2	29.0	8.6	
-10	1.7	7.7	27.0	117.9	469.9	1135.2	2109.5	2874.1	2874.1	2109.5	1135.2	469.9	117.9	27.0	7.7	1.7
-20		6.1	22.9	61.0	296.3	674.0	1206.3	1619.0	1619.0	1206.3	674.0	296.3	61.0	22.9	6.1	
-30	0.9	4.1	16.6	37.1	107.7	326.0	550.5	705.3	705.3	550.5	326.0	107.7	37.1	16.6	4.1	0.9
-40		2.3	9.8	24.8	42.8	77.2	157.3	221.4	221.4	157.3	77.2	42.8	24.8	9.8	2.3	
-50	0.4	1.1	4.4	12.0	23.4	35.6	44.9	49.9	49.9	44.9	35.6	23.4	12.0	4.4	1.1	0.4
-60		0.5	1.5	3.8	7.7	12.5	17.0	19.5	19.5	17.0	12.5	7.7	3.8	1.5	0.5	
-70	0.1	0.8		2.7		5.9		7.5		5.9		2.7		0.8		0.1
-80		0.8		2.7		5.9		7.5		5.9		2.7		0.8		
-90	0.1	0.8		2.7		5.9		7.5		5.9		2.7		0.8		0.1

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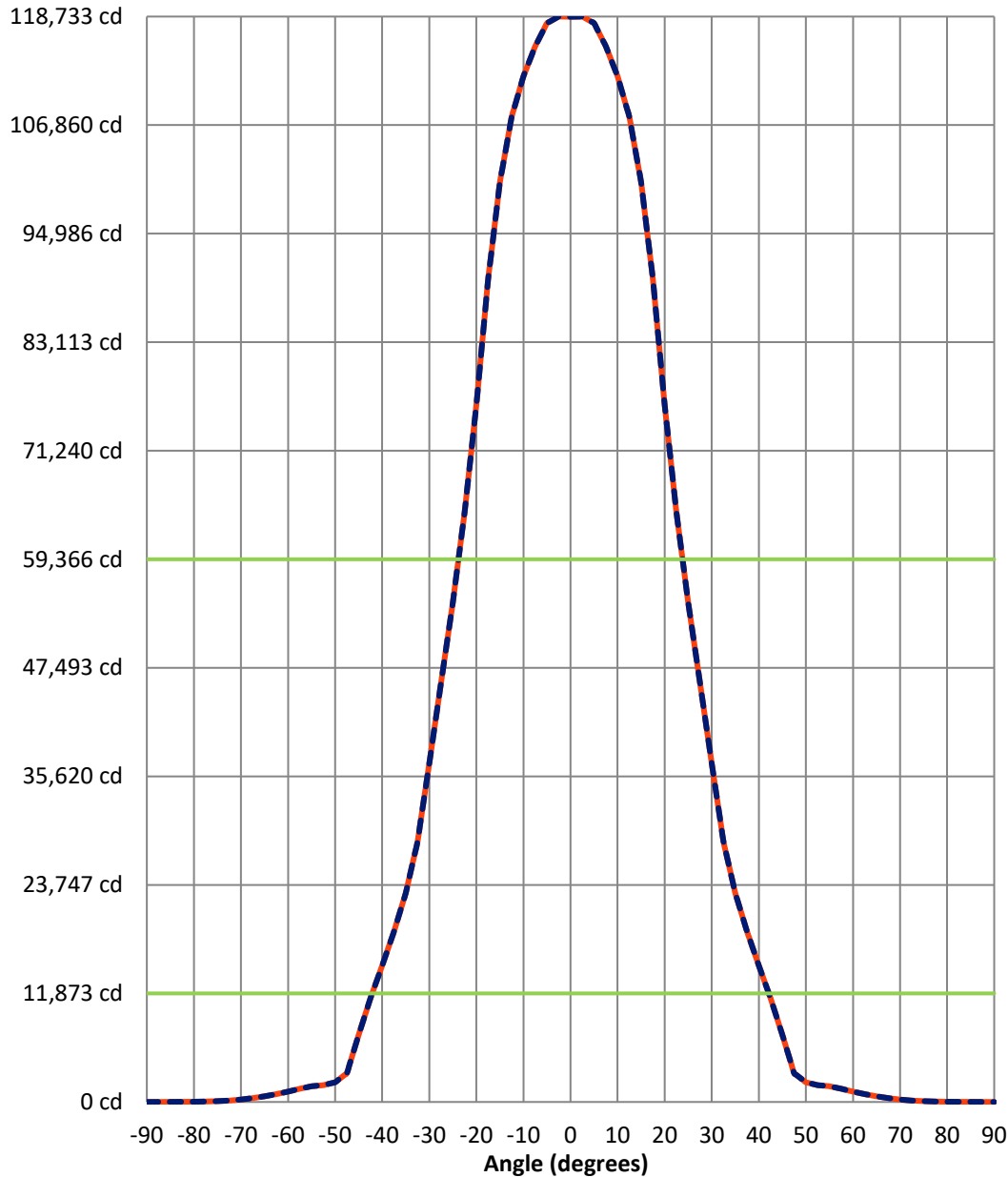
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47.6°  
 V Angle: 47.6°  
 Lumens: 48687.3  
 Efficiency: 56.1%

**Field:**  
 H Angle: 84.3°  
 V Angle: 84.3°  
 Lumens: 80863.6  
 Efficiency: 93.2%

**Spill:**  
 Lumens: 5923  
 Efficiency: 6.8%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	5.9	6.6	7.3
80°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	6.9	7.9	8.8	9.7
77.5°	0.0	1.3	2.5	3.8	5.0	6.2	7.4	8.6	9.8	10.9	12.2
75°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.7	13.5	15.2
72.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	14.1	16.1	18.1
70°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	14.1	16.4	18.8	22.0
67.5°	0.0	2.2	4.4	6.6	8.8	10.9	13.5	16.1	18.8	22.4	26.0
65°	0.0	2.5	4.9	7.3	9.7	12.2	15.2	18.1	22.0	26.0	31.5
62.5°	0.0	2.7	5.4	8.0	10.6	13.6	16.9	20.6	25.1	30.4	40.4
60°	0.0	2.9	5.8	8.6	11.5	15.0	18.5	23.3	28.2	38.3	49.1
57.5°	0.0	3.1	6.2	9.3	12.5	16.3	20.7	26.0	34.2	46.0	62.3
55°	0.0	3.3	6.6	9.9	13.6	17.6	22.9	28.5	40.9	54.9	77.5
52.5°	0.0	3.5	7.0	10.5	14.6	19.0	25.0	33.9	47.4	68.1	92.2
50°	0.0	3.7	7.4	11.1	15.6	20.7	27.1	39.4	55.2	81.0	112.2
47.5°	0.0	3.9	7.8	11.7	16.5	22.4	29.4	44.7	66.3	93.4	132.2
45°	0.0	4.1	8.2	12.4	17.4	24.0	33.8	49.8	76.9	110.6	151.5
42.5°	0.0	4.3	8.5	13.0	18.3	25.5	38.0	57.1	87.1	127.3	184.4
40°	0.0	4.4	8.8	13.6	19.3	27.0	42.1	65.6	98.3	143.2	218.3
37.5°	0.0	4.6	9.1	14.2	20.4	28.3	45.9	73.7	111.7	162.2	250.6
35°	0.0	4.8	9.4	14.8	21.4	30.8	49.5	81.3	124.4	189.7	285.5
32.5°	0.0	4.9	9.7	15.3	22.4	33.6	53.7	88.5	136.4	215.5	324.8
30°	0.0	5.0	10.0	15.8	23.3	36.2	59.5	96.0	147.7	239.7	361.8
27.5°	0.0	5.1	10.2	16.2	24.2	38.7	64.8	105.1	161.6	262.3	396.1
25°	0.0	5.3	10.4	16.7	25.0	40.9	69.7	113.4	179.9	287.9	428.1
22.5°	0.0	5.4	10.6	17.0	25.7	43.0	74.2	121.0	196.6	313.8	464.3
20°	0.0	5.5	10.8	17.4	26.3	44.8	78.3	127.9	211.7	337.1	497.0
17.5°	0.0	5.5	11.0	17.7	26.9	46.5	81.8	134.0	225.1	357.8	526.0
15°	0.0	5.6	11.1	18.0	27.4	47.9	85.0	139.3	236.8	375.9	551.4
12.5°	0.0	5.7	11.2	18.2	27.8	49.1	87.6	143.8	246.7	391.2	573.0
10°	0.0	5.7	11.3	18.4	28.2	50.1	89.8	147.6	254.9	403.9	590.7
7.5°	0.0	5.8	11.4	18.5	28.5	50.9	91.5	150.5	261.3	413.8	604.6
5°	0.0	5.8	11.5	18.6	28.6	51.5	92.7	152.5	265.8	420.8	614.5
2.5°	0.0	5.8	11.5	18.7	28.8	51.8	93.5	153.8	268.6	425.1	620.5
0°	0.0	5.8	11.5	18.7	28.8	51.9	93.7	154.2	269.5	426.5	622.5
-2.5°	0.0	5.8	11.5	18.7	28.8	51.9	93.7	154.2	269.5	426.5	622.5
-5°	0.0	5.8	11.5	18.6	28.6	51.5	92.7	152.5	265.8	420.8	614.5
-7.5°	0.0	5.8	11.4	18.5	28.5	50.9	91.5	150.5	261.3	413.8	604.6
-10°	0.0	5.7	11.3	18.4	28.2	50.1	89.8	147.6	254.9	403.9	590.7
-12.5°	0.0	5.7	11.2	18.2	27.8	49.1	87.6	143.8	246.7	391.2	573.0
-15°	0.0	5.6	11.1	18.0	27.4	47.9	85.0	139.3	236.8	375.9	551.4
-17.5°	0.0	5.5	11.0	17.7	26.9	46.5	81.8	134.0	225.1	357.8	526.0
-20°	0.0	5.5	10.8	17.4	26.3	44.8	78.3	127.9	211.7	337.1	497.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.4	10.6	17.0	25.7	43.0	74.2	121.0	196.6	313.8	464.3
-25°	0.0	5.3	10.4	16.7	25.0	40.9	69.7	113.4	179.9	287.9	428.1
-27.5°	0.0	5.1	10.2	16.2	24.2	38.7	64.8	105.1	161.6	262.3	396.1
-30°	0.0	5.0	10.0	15.8	23.3	36.2	59.5	96.0	147.7	239.7	361.8
-32.5°	0.0	4.9	9.7	15.3	22.4	33.6	53.7	88.5	136.4	215.5	324.8
-35°	0.0	4.8	9.4	14.8	21.4	30.8	49.5	81.3	124.4	189.7	285.5
-37.5°	0.0	4.6	9.1	14.2	20.4	28.3	45.9	73.7	111.7	162.2	250.6
-40°	0.0	4.4	8.8	13.6	19.3	27.0	42.1	65.6	98.3	143.2	218.3
-42.5°	0.0	4.3	8.5	13.0	18.3	25.5	38.0	57.1	87.1	127.3	184.4
-45°	0.0	4.1	8.2	12.4	17.4	24.0	33.8	49.8	76.9	110.6	151.5
-47.5°	0.0	3.9	7.8	11.7	16.5	22.4	29.4	44.7	66.3	93.4	132.2
-50°	0.0	3.7	7.4	11.1	15.6	20.7	27.1	39.4	55.2	81.0	112.2
-52.5°	0.0	3.5	7.0	10.5	14.6	19.0	25.0	33.9	47.4	68.1	92.2
-55°	0.0	3.3	6.6	9.9	13.6	17.6	22.9	28.5	40.9	54.9	77.5
-57.5°	0.0	3.1	6.2	9.3	12.5	16.3	20.7	26.0	34.2	46.0	62.3
-60°	0.0	2.9	5.8	8.6	11.5	15.0	18.5	23.3	28.2	38.3	49.1
-62.5°	0.0	2.7	5.4	8.0	10.6	13.6	16.9	20.6	25.1	30.4	40.4
-65°	0.0	2.5	4.9	7.3	9.7	12.2	15.2	18.1	22.0	26.0	31.5
-67.5°	0.0	2.2	4.4	6.6	8.8	10.9	13.5	16.1	18.8	22.4	26.0
-70°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	14.1	16.4	18.8	22.0
-72.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	14.1	16.1	18.1
-75°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.7	13.5	15.2
-77.5°	0.0	1.3	2.5	3.8	5.0	6.2	7.4	8.6	9.8	10.9	12.2
-80°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	6.9	7.9	8.8	9.7
-82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	5.9	6.6	7.3
-85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
-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°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
85°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.5	8.8	9.1
82.5°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.4	13.0	13.6	14.2
80°	10.6	11.5	12.5	13.6	14.6	15.6	16.5	17.4	18.3	19.3	20.4
77.5°	13.6	15.0	16.3	17.6	19.0	20.7	22.4	24.0	25.5	27.0	28.3
75°	16.9	18.5	20.7	22.9	25.0	27.1	29.4	33.8	38.0	42.1	45.9
72.5°	20.6	23.3	26.0	28.5	33.9	39.4	44.7	49.8	57.1	65.6	73.7
70°	25.1	28.2	34.2	40.9	47.4	55.2	66.3	76.9	87.1	98.3	111.7
67.5°	30.4	38.3	46.0	54.9	68.1	81.0	93.4	110.6	127.3	143.2	162.2
65°	40.4	49.1	62.3	77.5	92.2	112.2	132.2	151.5	184.4	218.3	250.6
62.5°	50.2	66.1	83.1	102.4	125.8	148.5	185.4	226.0	265.0	314.4	363.0
60°	66.1	85.0	107.8	134.0	164.4	211.7	257.6	313.8	372.0	428.1	494.8
57.5°	83.1	107.8	136.8	174.9	227.6	282.3	350.1	415.8	492.1	568.0	644.6
55°	102.4	134.0	174.9	232.9	296.9	372.2	450.0	538.4	624.1	724.4	820.4
52.5°	125.8	164.4	227.6	296.9	379.5	468.5	566.4	670.0	782.1	894.6	1014.3
50°	148.5	211.7	282.3	372.2	468.5	575.8	693.1	817.1	949.0	1082.9	1221.4
47.5°	185.4	257.6	350.1	450.0	566.4	693.1	828.8	976.4	1124.5	1285.0	1441.3
45°	226.0	313.8	415.8	538.4	670.0	817.1	976.4	1138.4	1317.0	1484.8	1628.5
42.5°	265.0	372.0	492.1	624.1	782.1	949.0	1124.5	1317.0	1498.8	1657.0	1762.0
40°	314.4	428.1	568.0	724.4	894.6	1082.9	1285.0	1484.8	1657.0	1768.5	1840.8
37.5°	363.0	494.8	644.6	820.4	1014.3	1221.4	1441.3	1628.5	1762.0	1840.8	2033.7
35°	409.2	558.1	728.9	919.7	1128.7	1361.0	1571.8	1742.6	1827.6	2016.1	2373.7
32.5°	459.4	617.9	808.7	1020.0	1250.5	1488.1	1694.7	1801.3	1963.6	2258.1	2966.0
30°	510.5	685.5	887.2	1114.5	1366.6	1596.2	1762.5	1877.2	2118.4	2789.2	4701.1
27.5°	558.1	749.5	968.3	1211.5	1472.2	1697.5	1811.3	2013.4	2498.7	3687.0	6965.9
25°	602.0	808.7	1043.3	1304.4	1559.3	1753.9	1876.5	2140.5	2937.7	5675.4	8993.8
22.5°	646.6	863.1	1112.1	1389.6	1639.3	1792.7	1985.3	2477.6	3909.2	7515.3	10854.3
20°	691.0	919.7	1179.2	1464.9	1711.8	1827.9	2084.3	2821.7	5477.6	9102.7	12445.4
17.5°	730.4	970.2	1242.2	1524.4	1747.2	1883.3	2205.0	3130.7	6889.1	10534.8	13829.0
15°	764.9	1014.3	1297.3	1576.5	1772.6	1955.1	2455.8	4157.4	8091.6	11762.9	15057.3
12.5°	794.3	1052.0	1344.3	1620.9	1794.3	2016.5	2670.7	5143.5	9096.7	12738.9	16160.3
10°	818.4	1082.9	1383.0	1657.6	1812.2	2067.3	2848.4	5960.0	9930.3	13549.8	17078.9
7.5°	837.3	1107.1	1413.3	1686.3	1826.2	2107.1	2987.9	6601.2	10585.9	14188.6	17803.8
5°	850.8	1124.5	1435.1	1706.9	1836.3	2135.6	3088.1	7062.7	11058.1	14649.3	18327.4
2.5°	859.0	1134.9	1448.1	1719.3	1842.4	2152.9	3148.5	7341.0	11343.1	14927.5	18644.0
0°	861.7	1138.4	1452.5	1723.4	1844.4	2158.6	3168.7	7434.0	11438.4	15020.6	18749.9
-2.5°	859.0	1134.9	1448.1	1719.3	1842.4	2152.9	3148.5	7341.0	11343.1	14927.5	18644.0
-5°	850.8	1124.5	1435.1	1706.9	1836.3	2135.6	3088.1	7062.7	11058.1	14649.3	18327.4
-7.5°	837.3	1107.1	1413.3	1686.3	1826.2	2107.1	2987.9	6601.2	10585.9	14188.6	17803.8
-10°	818.4	1082.9	1383.0	1657.6	1812.2	2067.3	2848.4	5960.0	9930.3	13549.8	17078.9
-12.5°	794.3	1052.0	1344.3	1620.9	1794.3	2016.5	2670.7	5143.5	9096.7	12738.9	16160.3
-15°	764.9	1014.3	1297.3	1576.5	1772.6	1955.1	2455.8	4157.4	8091.6	11762.9	15057.3
-17.5°	730.4	970.2	1242.2	1524.4	1747.2	1883.3	2205.0	3130.7	6889.1	10534.8	13829.0
-20°	691.0	919.7	1179.2	1464.9	1711.8	1827.9	2084.3	2821.7	5477.6	9102.7	12445.4



REPORT NUMBER: P1305951 (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°	646.6	863.1	1112.1	1389.6	1639.3	1792.7	1985.3	2477.6	3909.2	7515.3	10854.3
-25°	602.0	808.7	1043.3	1304.4	1559.3	1753.9	1876.5	2140.5	2937.7	5675.4	8993.8
-27.5°	558.1	749.5	968.3	1211.5	1472.2	1697.5	1811.3	2013.4	2498.7	3687.0	6965.9
-30°	510.5	685.5	887.2	1114.5	1366.6	1596.2	1762.5	1877.2	2118.4	2789.2	4701.1
-32.5°	459.4	617.9	808.7	1020.0	1250.5	1488.1	1694.7	1801.3	1963.6	2258.1	2966.0
-35°	409.2	558.1	728.9	919.7	1128.7	1361.0	1571.8	1742.6	1827.6	2016.1	2373.7
-37.5°	363.0	494.8	644.6	820.4	1014.3	1221.4	1441.3	1628.5	1762.0	1840.8	2033.7
-40°	314.4	428.1	568.0	724.4	894.6	1082.9	1285.0	1484.8	1657.0	1768.5	1840.8
-42.5°	265.0	372.0	492.1	624.1	782.1	949.0	1124.5	1317.0	1498.8	1657.0	1762.0
-45°	226.0	313.8	415.8	538.4	670.0	817.1	976.4	1138.4	1317.0	1484.8	1628.5
-47.5°	185.4	257.6	350.1	450.0	566.4	693.1	828.8	976.4	1124.5	1285.0	1441.3
-50°	148.5	211.7	282.3	372.2	468.5	575.8	693.1	817.1	949.0	1082.9	1221.4
-52.5°	125.8	164.4	227.6	296.9	379.5	468.5	566.4	670.0	782.1	894.6	1014.3
-55°	102.4	134.0	174.9	232.9	296.9	372.2	450.0	538.4	624.1	724.4	820.4
-57.5°	83.1	107.8	136.8	174.9	227.6	282.3	350.1	415.8	492.1	568.0	644.6
-60°	66.1	85.0	107.8	134.0	164.4	211.7	257.6	313.8	372.0	428.1	494.8
-62.5°	50.2	66.1	83.1	102.4	125.8	148.5	185.4	226.0	265.0	314.4	363.0
-65°	40.4	49.1	62.3	77.5	92.2	112.2	132.2	151.5	184.4	218.3	250.6
-67.5°	30.4	38.3	46.0	54.9	68.1	81.0	93.4	110.6	127.3	143.2	162.2
-70°	25.1	28.2	34.2	40.9	47.4	55.2	66.3	76.9	87.1	98.3	111.7
-72.5°	20.6	23.3	26.0	28.5	33.9	39.4	44.7	49.8	57.1	65.6	73.7
-75°	16.9	18.5	20.7	22.9	25.0	27.1	29.4	33.8	38.0	42.1	45.9
-77.5°	13.6	15.0	16.3	17.6	19.0	20.7	22.4	24.0	25.5	27.0	28.3
-80°	10.6	11.5	12.5	13.6	14.6	15.6	16.5	17.4	18.3	19.3	20.4
-82.5°	8.0	8.6	9.3	9.9	10.5	11.1	11.7	12.4	13.0	13.6	14.2
-85°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.5	8.8	9.1
-87.5°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.9	5.0	5.1	5.3	5.4	5.5	5.5	5.6	5.7	5.7
85°	9.4	9.7	10.0	10.2	10.4	10.6	10.8	11.0	11.1	11.2	11.3
82.5°	14.8	15.3	15.8	16.2	16.7	17.0	17.4	17.7	18.0	18.2	18.4
80°	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2
77.5°	30.8	33.6	36.2	38.7	40.9	43.0	44.8	46.5	47.9	49.1	50.1
75°	49.5	53.7	59.5	64.8	69.7	74.2	78.3	81.8	85.0	87.6	89.8
72.5°	81.3	88.5	96.0	105.1	113.4	121.0	127.9	134.0	139.3	143.8	147.6
70°	124.4	136.4	147.7	161.6	179.9	196.6	211.7	225.1	236.8	246.7	254.9
67.5°	189.7	215.5	239.7	262.3	287.9	313.8	337.1	357.8	375.9	391.2	403.9
65°	285.5	324.8	361.8	396.1	428.1	464.3	497.0	526.0	551.4	573.0	590.7
62.5°	409.2	459.4	510.5	558.1	602.0	646.6	691.0	730.4	764.9	794.3	818.4
60°	558.1	617.9	685.5	749.5	808.7	863.1	919.7	970.2	1014.3	1052.0	1082.9
57.5°	728.9	808.7	887.2	968.3	1043.3	1112.1	1179.2	1242.2	1297.3	1344.3	1383.0
55°	919.7	1020.0	1114.5	1211.5	1304.4	1389.6	1464.9	1524.4	1576.5	1620.9	1657.6
52.5°	1128.7	1250.5	1366.6	1472.2	1559.3	1639.3	1711.8	1747.2	1772.6	1794.3	1812.2
50°	1361.0	1488.1	1596.2	1697.5	1753.9	1792.7	1827.9	1883.3	1955.1	2016.5	2067.3
47.5°	1571.8	1694.7	1762.5	1811.3	1876.5	1985.3	2084.3	2205.0	2455.8	2670.7	2848.4
45°	1742.6	1801.3	1877.2	2013.4	2140.5	2477.6	2821.7	3130.7	4157.4	5143.5	5960.0
42.5°	1827.6	1963.6	2118.4	2498.7	2937.7	3909.2	5477.6	6889.1	8091.6	9096.7	9930.3
40°	2016.1	2258.1	2789.2	3687.0	5675.4	7515.3	9102.7	10534.8	11762.9	12738.9	13549.8
37.5°	2373.7	2966.0	4701.1	6965.9	8993.8	10854.3	12445.4	13829.0	15057.3	16160.3	17078.9
35°	3025.3	5213.8	7733.0	9999.8	12064.0	13849.5	15515.2	17070.5	18453.9	19773.4	20908.3
32.5°	5213.8	7981.0	10509.1	12765.0	14807.4	16790.8	18634.2	20523.7	22224.3	23948.0	25607.4
30°	7733.0	10509.1	13000.8	15304.3	17571.6	19832.9	22081.3	24532.4	27004.3	29435.6	32222.3
27.5°	9999.8	12765.0	15304.3	17834.5	20450.0	23057.4	26296.0	29607.7	33729.7	37345.3	40458.3
25°	12064.0	14807.4	17571.6	20450.0	23489.8	27194.9	31757.6	36698.8	41251.5	45280.2	48683.8
22.5°	13849.5	16790.8	19832.9	23057.4	27194.9	32484.5	38234.4	43674.3	48621.3	53000.5	56974.3
20°	15515.2	18634.2	22081.3	26296.0	31757.6	38234.4	44496.0	50336.0	55785.9	61232.4	66120.7
17.5°	17070.5	20523.7	24532.4	29607.7	36698.8	43674.3	50336.0	56826.9	63440.0	70315.0	76596.2
15°	18453.9	22224.3	27004.3	33729.7	41251.5	48621.3	55785.9	63440.0	71753.6	80139.2	88362.4
12.5°	19773.4	23948.0	29435.6	37345.3	45280.2	53000.5	61232.4	70315.0	80139.2	90359.6	97425.4
10°	20908.3	25607.4	32222.3	40458.3	48683.8	56974.3	66120.7	76596.2	88362.4	97425.4	104221.2
7.5°	21806.0	26923.6	34440.2	42946.5	51412.3	60407.5	70723.8	82602.6	94179.3	102851.9	108345.0
5°	22455.6	27878.2	36053.0	44762.2	53412.2	62938.6	74143.7	87159.7	98116.1	106008.5	110847.0
2.5°	22848.8	28456.9	37032.8	45867.8	54634.0	64491.4	76254.0	89994.9	100594.8	107757.3	112190.8
0°	22980.5	28650.8	37361.4	46239.2	55045.0	65015.0	76967.8	90958.2	101442.7	108294.5	112650.5
-2.5°	22848.8	28456.9	37032.8	45867.8	54634.0	64491.4	76254.0	89994.9	100594.8	107757.3	112190.8
-5°	22455.6	27878.2	36053.0	44762.2	53412.2	62938.6	74143.7	87159.7	98116.1	106008.5	110847.0
-7.5°	21806.0	26923.6	34440.2	42946.5	51412.3	60407.5	70723.8	82602.6	94179.3	102851.9	108345.0
-10°	20908.3	25607.4	32222.3	40458.3	48683.8	56974.3	66120.7	76596.2	88362.4	97425.4	104221.2
-12.5°	19773.4	23948.0	29435.6	37345.3	45280.2	53000.5	61232.4	70315.0	80139.2	90359.6	97425.4
-15°	18453.9	22224.3	27004.3	33729.7	41251.5	48621.3	55785.9	63440.0	71753.6	80139.2	88362.4
-17.5°	17070.5	20523.7	24532.4	29607.7	36698.8	43674.3	50336.0	56826.9	63440.0	70315.0	76596.2
-20°	15515.2	18634.2	22081.3	26296.0	31757.6	38234.4	44496.0	50336.0	55785.9	61232.4	66120.7



REPORT NUMBER: P1305951 (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°	13849.5	16790.8	19832.9	23057.4	27194.9	32484.5	38234.4	43674.3	48621.3	53000.5	56974.3
-25°	12064.0	14807.4	17571.6	20450.0	23489.8	27194.9	31757.6	36698.8	41251.5	45280.2	48683.8
-27.5°	9999.8	12765.0	15304.3	17834.5	20450.0	23057.4	26296.0	29607.7	33729.7	37345.3	40458.3
-30°	7733.0	10509.1	13000.8	15304.3	17571.6	19832.9	22081.3	24532.4	27004.3	29435.6	32222.3
-32.5°	5213.8	7981.0	10509.1	12765.0	14807.4	16790.8	18634.2	20523.7	22224.3	23948.0	25607.4
-35°	3025.3	5213.8	7733.0	9999.8	12064.0	13849.5	15515.2	17070.5	18453.9	19773.4	20908.3
-37.5°	2373.7	2966.0	4701.1	6965.9	8993.8	10854.3	12445.4	13829.0	15057.3	16160.3	17078.9
-40°	2016.1	2258.1	2789.2	3687.0	5675.4	7515.3	9102.7	10534.8	11762.9	12738.9	13549.8
-42.5°	1827.6	1963.6	2118.4	2498.7	2937.7	3909.2	5477.6	6889.1	8091.6	9096.7	9930.3
-45°	1742.6	1801.3	1877.2	2013.4	2140.5	2477.6	2821.7	3130.7	4157.4	5143.5	5960.0
-47.5°	1571.8	1694.7	1762.5	1811.3	1876.5	1985.3	2084.3	2205.0	2455.8	2670.7	2848.4
-50°	1361.0	1488.1	1596.2	1697.5	1753.9	1792.7	1827.9	1883.3	1955.1	2016.5	2067.3
-52.5°	1128.7	1250.5	1366.6	1472.2	1559.3	1639.3	1711.8	1747.2	1772.6	1794.3	1812.2
-55°	919.7	1020.0	1114.5	1211.5	1304.4	1389.6	1464.9	1524.4	1576.5	1620.9	1657.6
-57.5°	728.9	808.7	887.2	968.3	1043.3	1112.1	1179.2	1242.2	1297.3	1344.3	1383.0
-60°	558.1	617.9	685.5	749.5	808.7	863.1	919.7	970.2	1014.3	1052.0	1082.9
-62.5°	409.2	459.4	510.5	558.1	602.0	646.6	691.0	730.4	764.9	794.3	818.4
-65°	285.5	324.8	361.8	396.1	428.1	464.3	497.0	526.0	551.4	573.0	590.7
-67.5°	189.7	215.5	239.7	262.3	287.9	313.8	337.1	357.8	375.9	391.2	403.9
-70°	124.4	136.4	147.7	161.6	179.9	196.6	211.7	225.1	236.8	246.7	254.9
-72.5°	81.3	88.5	96.0	105.1	113.4	121.0	127.9	134.0	139.3	143.8	147.6
-75°	49.5	53.7	59.5	64.8	69.7	74.2	78.3	81.8	85.0	87.6	89.8
-77.5°	30.8	33.6	36.2	38.7	40.9	43.0	44.8	46.5	47.9	49.1	50.1
-80°	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.9	27.4	27.8	28.2
-82.5°	14.8	15.3	15.8	16.2	16.7	17.0	17.4	17.7	18.0	18.2	18.4
-85°	9.4	9.7	10.0	10.2	10.4	10.6	10.8	11.0	11.1	11.2	11.3
-87.5°	4.8	4.9	5.0	5.1	5.3	5.4	5.5	5.5	5.6	5.7	5.7
-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: P1305951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-5S-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	11.0
82.5°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.4	18.2	18.0	17.7
80°	28.5	28.6	28.8	28.8	28.8	28.6	28.5	28.2	27.8	27.4	26.9
77.5°	50.9	51.5	51.8	51.9	51.8	51.5	50.9	50.1	49.1	47.9	46.5
75°	91.5	92.7	93.5	93.7	93.5	92.7	91.5	89.8	87.6	85.0	81.8
72.5°	150.5	152.5	153.8	154.2	153.8	152.5	150.5	147.6	143.8	139.3	134.0
70°	261.3	265.8	268.6	269.5	268.6	265.8	261.3	254.9	246.7	236.8	225.1
67.5°	413.8	420.8	425.1	426.5	425.1	420.8	413.8	403.9	391.2	375.9	357.8
65°	604.6	614.5	620.5	622.5	620.5	614.5	604.6	590.7	573.0	551.4	526.0
62.5°	837.3	850.8	859.0	861.7	859.0	850.8	837.3	818.4	794.3	764.9	730.4
60°	1107.1	1124.5	1134.9	1138.4	1134.9	1124.5	1107.1	1082.9	1052.0	1014.3	970.2
57.5°	1413.3	1435.1	1448.1	1452.5	1448.1	1435.1	1413.3	1383.0	1344.3	1297.3	1242.2
55°	1686.3	1706.9	1719.3	1723.4	1719.3	1706.9	1686.3	1657.6	1620.9	1576.5	1524.4
52.5°	1826.2	1836.3	1842.4	1844.4	1842.4	1836.3	1826.2	1812.2	1794.3	1772.6	1747.2
50°	2107.1	2135.6	2152.9	2158.6	2152.9	2135.6	2107.1	2067.3	2016.5	1955.1	1883.3
47.5°	2987.9	3088.1	3148.5	3168.7	3148.5	3088.1	2987.9	2848.4	2670.7	2455.8	2205.0
45°	6601.2	7062.7	7341.0	7434.0	7341.0	7062.7	6601.2	5960.0	5143.5	4157.4	3130.7
42.5°	10585.9	11058.1	11343.1	11438.4	11343.1	11058.1	10585.9	9930.3	9096.7	8091.6	6889.1
40°	14188.6	14649.3	14927.5	15020.6	14927.5	14649.3	14188.6	13549.8	12738.9	11762.9	10534.8
37.5°	17803.8	18327.4	18644.0	18749.9	18644.0	18327.4	17803.8	17078.9	16160.3	15057.3	13829.0
35°	21806.0	22455.6	22848.8	22980.5	22848.8	22455.6	21806.0	20908.3	19773.4	18453.9	17070.5
32.5°	26923.6	27878.2	28456.9	28650.8	28456.9	27878.2	26923.6	25607.4	23948.0	22224.3	20523.7
30°	34440.2	36053.0	37032.8	37361.4	37032.8	36053.0	34440.2	32222.3	29435.6	27004.3	24532.4
27.5°	42946.5	44762.2	45867.8	46239.2	45867.8	44762.2	42946.5	40458.3	37345.3	33729.7	29607.7
25°	51412.3	53412.2	54634.0	55045.0	54634.0	53412.2	51412.3	48683.8	45280.2	41251.5	36698.8
22.5°	60407.5	62938.6	64491.4	65015.0	64491.4	62938.6	60407.5	56974.3	53000.5	48621.3	43674.3
20°	70723.8	74143.7	76254.0	76967.8	76254.0	74143.7	70723.8	66120.7	61232.4	55785.9	50336.0
17.5°	82602.6	87159.7	89994.9	90958.2	89994.9	87159.7	82602.6	76596.2	70315.0	63440.0	56826.9
15°	94179.3	98116.1	100594.8	101442.7	100594.8	98116.1	94179.3	88362.4	80139.2	71753.6	63440.0
12.5°	102851.9	106008.5	107757.3	108294.5	107757.3	106008.5	102851.9	97425.4	90359.6	80139.2	70315.0
10°	108345.0	110847.0	112190.8	112650.5	112190.8	110847.0	108345.0	104221.2	97425.4	88362.4	76596.2
7.5°	111758.2	114087.2	115486.2	115979.2	115486.2	114087.2	111758.2	108345.0	102851.9	94179.3	82602.6
5°	114087.2	116508.8	118011.0	118469.1	118011.0	116508.8	114087.2	110847.0	106008.5	98116.1	87159.7
2.5°	115486.2	118011.0	118732.9	118708.3	118732.9	118011.0	115486.2	112190.8	107757.3	100594.8	89994.9
0°	115979.2	118469.1	118708.3	118250.1	118708.3	118469.1	115979.2	112650.5	108294.5	101442.7	90958.2
-2.5°	115486.2	118011.0	118732.9	118708.3	118732.9	118011.0	115486.2	112190.8	107757.3	100594.8	89994.9
-5°	114087.2	116508.8	118011.0	118469.1	118011.0	116508.8	114087.2	110847.0	106008.5	98116.1	87159.7
-7.5°	111758.2	114087.2	115486.2	115979.2	115486.2	114087.2	111758.2	108345.0	102851.9	94179.3	82602.6
-10°	108345.0	110847.0	112190.8	112650.5	112190.8	110847.0	108345.0	104221.2	97425.4	88362.4	76596.2
-12.5°	102851.9	106008.5	107757.3	108294.5	107757.3	106008.5	102851.9	97425.4	90359.6	80139.2	70315.0
-15°	94179.3	98116.1	100594.8	101442.7	100594.8	98116.1	94179.3	88362.4	80139.2	71753.6	63440.0
-17.5°	82602.6	87159.7	89994.9	90958.2	89994.9	87159.7	82602.6	76596.2	70315.0	63440.0	56826.9
-20°	70723.8	74143.7	76254.0	76967.8	76254.0	74143.7	70723.8	66120.7	61232.4	55785.9	50336.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	60407.5	62938.6	64491.4	65015.0	64491.4	62938.6	60407.5	56974.3	53000.5	48621.3	43674.3
-25°	51412.3	53412.2	54634.0	55045.0	54634.0	53412.2	51412.3	48683.8	45280.2	41251.5	36698.8
-27.5°	42946.5	44762.2	45867.8	46239.2	45867.8	44762.2	42946.5	40458.3	37345.3	33729.7	29607.7
-30°	34440.2	36053.0	37032.8	37361.4	37032.8	36053.0	34440.2	32222.3	29435.6	27004.3	24532.4
-32.5°	26923.6	27878.2	28456.9	28650.8	28456.9	27878.2	26923.6	25607.4	23948.0	22224.3	20523.7
-35°	21806.0	22455.6	22848.8	22980.5	22848.8	22455.6	21806.0	20908.3	19773.4	18453.9	17070.5
-37.5°	17803.8	18327.4	18644.0	18749.9	18644.0	18327.4	17803.8	17078.9	16160.3	15057.3	13829.0
-40°	14188.6	14649.3	14927.5	15020.6	14927.5	14649.3	14188.6	13549.8	12738.9	11762.9	10534.8
-42.5°	10585.9	11058.1	11343.1	11438.4	11343.1	11058.1	10585.9	9930.3	9096.7	8091.6	6889.1
-45°	6601.2	7062.7	7341.0	7434.0	7341.0	7062.7	6601.2	5960.0	5143.5	4157.4	3130.7
-47.5°	2987.9	3088.1	3148.5	3168.7	3148.5	3088.1	2987.9	2848.4	2670.7	2455.8	2205.0
-50°	2107.1	2135.6	2152.9	2158.6	2152.9	2135.6	2107.1	2067.3	2016.5	1955.1	1883.3
-52.5°	1826.2	1836.3	1842.4	1844.4	1842.4	1836.3	1826.2	1812.2	1794.3	1772.6	1747.2
-55°	1686.3	1706.9	1719.3	1723.4	1719.3	1706.9	1686.3	1657.6	1620.9	1576.5	1524.4
-57.5°	1413.3	1435.1	1448.1	1452.5	1448.1	1435.1	1413.3	1383.0	1344.3	1297.3	1242.2
-60°	1107.1	1124.5	1134.9	1138.4	1134.9	1124.5	1107.1	1082.9	1052.0	1014.3	970.2
-62.5°	837.3	850.8	859.0	861.7	859.0	850.8	837.3	818.4	794.3	764.9	730.4
-65°	604.6	614.5	620.5	622.5	620.5	614.5	604.6	590.7	573.0	551.4	526.0
-67.5°	413.8	420.8	425.1	426.5	425.1	420.8	413.8	403.9	391.2	375.9	357.8
-70°	261.3	265.8	268.6	269.5	268.6	265.8	261.3	254.9	246.7	236.8	225.1
-72.5°	150.5	152.5	153.8	154.2	153.8	152.5	150.5	147.6	143.8	139.3	134.0
-75°	91.5	92.7	93.5	93.7	93.5	92.7	91.5	89.8	87.6	85.0	81.8
-77.5°	50.9	51.5	51.8	51.9	51.8	51.5	50.9	50.1	49.1	47.9	46.5
-80°	28.5	28.6	28.8	28.8	28.8	28.6	28.5	28.2	27.8	27.4	26.9
-82.5°	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.4	18.2	18.0	17.7
-85°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	11.0
-87.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
-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°	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.6	4.4	4.3	4.1
85°	10.8	10.6	10.4	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.2
82.5°	17.4	17.0	16.7	16.2	15.8	15.3	14.8	14.2	13.6	13.0	12.4
80°	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4	19.3	18.3	17.4
77.5°	44.8	43.0	40.9	38.7	36.2	33.6	30.8	28.3	27.0	25.5	24.0
75°	78.3	74.2	69.7	64.8	59.5	53.7	49.5	45.9	42.1	38.0	33.8
72.5°	127.9	121.0	113.4	105.1	96.0	88.5	81.3	73.7	65.6	57.1	49.8
70°	211.7	196.6	179.9	161.6	147.7	136.4	124.4	111.7	98.3	87.1	76.9
67.5°	337.1	313.8	287.9	262.3	239.7	215.5	189.7	162.2	143.2	127.3	110.6
65°	497.0	464.3	428.1	396.1	361.8	324.8	285.5	250.6	218.3	184.4	151.5
62.5°	691.0	646.6	602.0	558.1	510.5	459.4	409.2	363.0	314.4	265.0	226.0
60°	919.7	863.1	808.7	749.5	685.5	617.9	558.1	494.8	428.1	372.0	313.8
57.5°	1179.2	1112.1	1043.3	968.3	887.2	808.7	728.9	644.6	568.0	492.1	415.8
55°	1464.9	1389.6	1304.4	1211.5	1114.5	1020.0	919.7	820.4	724.4	624.1	538.4
52.5°	1711.8	1639.3	1559.3	1472.2	1366.6	1250.5	1128.7	1014.3	894.6	782.1	670.0
50°	1827.9	1792.7	1753.9	1697.5	1596.2	1488.1	1361.0	1221.4	1082.9	949.0	817.1
47.5°	2084.3	1985.3	1876.5	1811.3	1762.5	1694.7	1571.8	1441.3	1285.0	1124.5	976.4
45°	2821.7	2477.6	2140.5	2013.4	1877.2	1801.3	1742.6	1628.5	1484.8	1317.0	1138.4
42.5°	5477.6	3909.2	2937.7	2498.7	2118.4	1963.6	1827.6	1762.0	1657.0	1498.8	1317.0
40°	9102.7	7515.3	5675.4	3687.0	2789.2	2258.1	2016.1	1840.8	1768.5	1657.0	1484.8
37.5°	12445.4	10854.3	8993.8	6965.9	4701.1	2966.0	2373.7	2033.7	1840.8	1762.0	1628.5
35°	15515.2	13849.5	12064.0	9999.8	7733.0	5213.8	3025.3	2373.7	2016.1	1827.6	1742.6
32.5°	18634.2	16790.8	14807.4	12765.0	10509.1	7981.0	5213.8	2966.0	2258.1	1963.6	1801.3
30°	22081.3	19832.9	17571.6	15304.3	13000.8	10509.1	7733.0	4701.1	2789.2	2118.4	1877.2
27.5°	26296.0	23057.4	20450.0	17834.5	15304.3	12765.0	9999.8	6965.9	3687.0	2498.7	2013.4
25°	31757.6	27194.9	23489.8	20450.0	17571.6	14807.4	12064.0	8993.8	5675.4	2937.7	2140.5
22.5°	38234.4	32484.5	27194.9	23057.4	19832.9	16790.8	13849.5	10854.3	7515.3	3909.2	2477.6
20°	44496.0	38234.4	31757.6	26296.0	22081.3	18634.2	15515.2	12445.4	9102.7	5477.6	2821.7
17.5°	50336.0	43674.3	36698.8	29607.7	24532.4	20523.7	17070.5	13829.0	10534.8	6889.1	3130.7
15°	55785.9	48621.3	41251.5	33729.7	27004.3	22224.3	18453.9	15057.3	11762.9	8091.6	4157.4
12.5°	61232.4	53000.5	45280.2	37345.3	29435.6	23948.0	19773.4	16160.3	12738.9	9096.7	5143.5
10°	66120.7	56974.3	48683.8	40458.3	32222.3	25607.4	20908.3	17078.9	13549.8	9930.3	5960.0
7.5°	70723.8	60407.5	51412.3	42946.5	34440.2	26923.6	21806.0	17803.8	14188.6	10585.9	6601.2
5°	74143.7	62938.6	53412.2	44762.2	36053.0	27878.2	22455.6	18327.4	14649.3	11058.1	7062.7
2.5°	76254.0	64491.4	54634.0	45867.8	37032.8	28456.9	22848.8	18644.0	14927.5	11343.1	7341.0
0°	76967.8	65015.0	55045.0	46239.2	37361.4	28650.8	22980.5	18749.9	15020.6	11438.4	7434.0
-2.5°	76254.0	64491.4	54634.0	45867.8	37032.8	28456.9	22848.8	18644.0	14927.5	11343.1	7341.0
-5°	74143.7	62938.6	53412.2	44762.2	36053.0	27878.2	22455.6	18327.4	14649.3	11058.1	7062.7
-7.5°	70723.8	60407.5	51412.3	42946.5	34440.2	26923.6	21806.0	17803.8	14188.6	10585.9	6601.2
-10°	66120.7	56974.3	48683.8	40458.3	32222.3	25607.4	20908.3	17078.9	13549.8	9930.3	5960.0
-12.5°	61232.4	53000.5	45280.2	37345.3	29435.6	23948.0	19773.4	16160.3	12738.9	9096.7	5143.5
-15°	55785.9	48621.3	41251.5	33729.7	27004.3	22224.3	18453.9	15057.3	11762.9	8091.6	4157.4
-17.5°	50336.0	43674.3	36698.8	29607.7	24532.4	20523.7	17070.5	13829.0	10534.8	6889.1	3130.7
-20°	44496.0	38234.4	31757.6	26296.0	22081.3	18634.2	15515.2	12445.4	9102.7	5477.6	2821.7



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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°	38234.4	32484.5	27194.9	23057.4	19832.9	16790.8	13849.5	10854.3	7515.3	3909.2	2477.6
-25°	31757.6	27194.9	23489.8	20450.0	17571.6	14807.4	12064.0	8993.8	5675.4	2937.7	2140.5
-27.5°	26296.0	23057.4	20450.0	17834.5	15304.3	12765.0	9999.8	6965.9	3687.0	2498.7	2013.4
-30°	22081.3	19832.9	17571.6	15304.3	13000.8	10509.1	7733.0	4701.1	2789.2	2118.4	1877.2
-32.5°	18634.2	16790.8	14807.4	12765.0	10509.1	7981.0	5213.8	2966.0	2258.1	1963.6	1801.3
-35°	15515.2	13849.5	12064.0	9999.8	7733.0	5213.8	3025.3	2373.7	2016.1	1827.6	1742.6
-37.5°	12445.4	10854.3	8993.8	6965.9	4701.1	2966.0	2373.7	2033.7	1840.8	1762.0	1628.5
-40°	9102.7	7515.3	5675.4	3687.0	2789.2	2258.1	2016.1	1840.8	1768.5	1657.0	1484.8
-42.5°	5477.6	3909.2	2937.7	2498.7	2118.4	1963.6	1827.6	1762.0	1657.0	1498.8	1317.0
-45°	2821.7	2477.6	2140.5	2013.4	1877.2	1801.3	1742.6	1628.5	1484.8	1317.0	1138.4
-47.5°	2084.3	1985.3	1876.5	1811.3	1762.5	1694.7	1571.8	1441.3	1285.0	1124.5	976.4
-50°	1827.9	1792.7	1753.9	1697.5	1596.2	1488.1	1361.0	1221.4	1082.9	949.0	817.1
-52.5°	1711.8	1639.3	1559.3	1472.2	1366.6	1250.5	1128.7	1014.3	894.6	782.1	670.0
-55°	1464.9	1389.6	1304.4	1211.5	1114.5	1020.0	919.7	820.4	724.4	624.1	538.4
-57.5°	1179.2	1112.1	1043.3	968.3	887.2	808.7	728.9	644.6	568.0	492.1	415.8
-60°	919.7	863.1	808.7	749.5	685.5	617.9	558.1	494.8	428.1	372.0	313.8
-62.5°	691.0	646.6	602.0	558.1	510.5	459.4	409.2	363.0	314.4	265.0	226.0
-65°	497.0	464.3	428.1	396.1	361.8	324.8	285.5	250.6	218.3	184.4	151.5
-67.5°	337.1	313.8	287.9	262.3	239.7	215.5	189.7	162.2	143.2	127.3	110.6
-70°	211.7	196.6	179.9	161.6	147.7	136.4	124.4	111.7	98.3	87.1	76.9
-72.5°	127.9	121.0	113.4	105.1	96.0	88.5	81.3	73.7	65.6	57.1	49.8
-75°	78.3	74.2	69.7	64.8	59.5	53.7	49.5	45.9	42.1	38.0	33.8
-77.5°	44.8	43.0	40.9	38.7	36.2	33.6	30.8	28.3	27.0	25.5	24.0
-80°	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4	19.3	18.3	17.4
-82.5°	17.4	17.0	16.7	16.2	15.8	15.3	14.8	14.2	13.6	13.0	12.4
-85°	10.8	10.6	10.4	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.2
-87.5°	5.5	5.4	5.3	5.1	5.0	4.9	4.8	4.6	4.4	4.3	4.1
-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: P1305951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-80-5S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.7
85°	7.8	7.4	7.0	6.6	6.2	5.8	5.4	4.9	4.4	4.0	3.5
82.5°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
80°	16.5	15.6	14.6	13.6	12.5	11.5	10.6	9.7	8.8	7.9	6.9
77.5°	22.4	20.7	19.0	17.6	16.3	15.0	13.6	12.2	10.9	9.8	8.6
75°	29.4	27.1	25.0	22.9	20.7	18.5	16.9	15.2	13.5	11.7	10.3
72.5°	44.7	39.4	33.9	28.5	26.0	23.3	20.6	18.1	16.1	14.1	12.0
70°	66.3	55.2	47.4	40.9	34.2	28.2	25.1	22.0	18.8	16.4	14.1
67.5°	93.4	81.0	68.1	54.9	46.0	38.3	30.4	26.0	22.4	18.8	16.1
65°	132.2	112.2	92.2	77.5	62.3	49.1	40.4	31.5	26.0	22.0	18.1
62.5°	185.4	148.5	125.8	102.4	83.1	66.1	50.2	40.4	30.4	25.1	20.6
60°	257.6	211.7	164.4	134.0	107.8	85.0	66.1	49.1	38.3	28.2	23.3
57.5°	350.1	282.3	227.6	174.9	136.8	107.8	83.1	62.3	46.0	34.2	26.0
55°	450.0	372.2	296.9	232.9	174.9	134.0	102.4	77.5	54.9	40.9	28.5
52.5°	566.4	468.5	379.5	296.9	227.6	164.4	125.8	92.2	68.1	47.4	33.9
50°	693.1	575.8	468.5	372.2	282.3	211.7	148.5	112.2	81.0	55.2	39.4
47.5°	828.8	693.1	566.4	450.0	350.1	257.6	185.4	132.2	93.4	66.3	44.7
45°	976.4	817.1	670.0	538.4	415.8	313.8	226.0	151.5	110.6	76.9	49.8
42.5°	1124.5	949.0	782.1	624.1	492.1	372.0	265.0	184.4	127.3	87.1	57.1
40°	1285.0	1082.9	894.6	724.4	568.0	428.1	314.4	218.3	143.2	98.3	65.6
37.5°	1441.3	1221.4	1014.3	820.4	644.6	494.8	363.0	250.6	162.2	111.7	73.7
35°	1571.8	1361.0	1128.7	919.7	728.9	558.1	409.2	285.5	189.7	124.4	81.3
32.5°	1694.7	1488.1	1250.5	1020.0	808.7	617.9	459.4	324.8	215.5	136.4	88.5
30°	1762.5	1596.2	1366.6	1114.5	887.2	685.5	510.5	361.8	239.7	147.7	96.0
27.5°	1811.3	1697.5	1472.2	1211.5	968.3	749.5	558.1	396.1	262.3	161.6	105.1
25°	1876.5	1753.9	1559.3	1304.4	1043.3	808.7	602.0	428.1	287.9	179.9	113.4
22.5°	1985.3	1792.7	1639.3	1389.6	1112.1	863.1	646.6	464.3	313.8	196.6	121.0
20°	2084.3	1827.9	1711.8	1464.9	1179.2	919.7	691.0	497.0	337.1	211.7	127.9
17.5°	2205.0	1883.3	1747.2	1524.4	1242.2	970.2	730.4	526.0	357.8	225.1	134.0
15°	2455.8	1955.1	1772.6	1576.5	1297.3	1014.3	764.9	551.4	375.9	236.8	139.3
12.5°	2670.7	2016.5	1794.3	1620.9	1344.3	1052.0	794.3	573.0	391.2	246.7	143.8
10°	2848.4	2067.3	1812.2	1657.6	1383.0	1082.9	818.4	590.7	403.9	254.9	147.6
7.5°	2987.9	2107.1	1826.2	1686.3	1413.3	1107.1	837.3	604.6	413.8	261.3	150.5
5°	3088.1	2135.6	1836.3	1706.9	1435.1	1124.5	850.8	614.5	420.8	265.8	152.5
2.5°	3148.5	2152.9	1842.4	1719.3	1448.1	1134.9	859.0	620.5	425.1	268.6	153.8
0°	3168.7	2158.6	1844.4	1723.4	1452.5	1138.4	861.7	622.5	426.5	269.5	154.2
-2.5°	3148.5	2152.9	1842.4	1719.3	1448.1	1134.9	859.0	620.5	425.1	268.6	153.8
-5°	3088.1	2135.6	1836.3	1706.9	1435.1	1124.5	850.8	614.5	420.8	265.8	152.5
-7.5°	2987.9	2107.1	1826.2	1686.3	1413.3	1107.1	837.3	604.6	413.8	261.3	150.5
-10°	2848.4	2067.3	1812.2	1657.6	1383.0	1082.9	818.4	590.7	403.9	254.9	147.6
-12.5°	2670.7	2016.5	1794.3	1620.9	1344.3	1052.0	794.3	573.0	391.2	246.7	143.8
-15°	2455.8	1955.1	1772.6	1576.5	1297.3	1014.3	764.9	551.4	375.9	236.8	139.3
-17.5°	2205.0	1883.3	1747.2	1524.4	1242.2	970.2	730.4	526.0	357.8	225.1	134.0
-20°	2084.3	1827.9	1711.8	1464.9	1179.2	919.7	691.0	497.0	337.1	211.7	127.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1985.3	1792.7	1639.3	1389.6	1112.1	863.1	646.6	464.3	313.8	196.6	121.0
-25°	1876.5	1753.9	1559.3	1304.4	1043.3	808.7	602.0	428.1	287.9	179.9	113.4
-27.5°	1811.3	1697.5	1472.2	1211.5	968.3	749.5	558.1	396.1	262.3	161.6	105.1
-30°	1762.5	1596.2	1366.6	1114.5	887.2	685.5	510.5	361.8	239.7	147.7	96.0
-32.5°	1694.7	1488.1	1250.5	1020.0	808.7	617.9	459.4	324.8	215.5	136.4	88.5
-35°	1571.8	1361.0	1128.7	919.7	728.9	558.1	409.2	285.5	189.7	124.4	81.3
-37.5°	1441.3	1221.4	1014.3	820.4	644.6	494.8	363.0	250.6	162.2	111.7	73.7
-40°	1285.0	1082.9	894.6	724.4	568.0	428.1	314.4	218.3	143.2	98.3	65.6
-42.5°	1124.5	949.0	782.1	624.1	492.1	372.0	265.0	184.4	127.3	87.1	57.1
-45°	976.4	817.1	670.0	538.4	415.8	313.8	226.0	151.5	110.6	76.9	49.8
-47.5°	828.8	693.1	566.4	450.0	350.1	257.6	185.4	132.2	93.4	66.3	44.7
-50°	693.1	575.8	468.5	372.2	282.3	211.7	148.5	112.2	81.0	55.2	39.4
-52.5°	566.4	468.5	379.5	296.9	227.6	164.4	125.8	92.2	68.1	47.4	33.9
-55°	450.0	372.2	296.9	232.9	174.9	134.0	102.4	77.5	54.9	40.9	28.5
-57.5°	350.1	282.3	227.6	174.9	136.8	107.8	83.1	62.3	46.0	34.2	26.0
-60°	257.6	211.7	164.4	134.0	107.8	85.0	66.1	49.1	38.3	28.2	23.3
-62.5°	185.4	148.5	125.8	102.4	83.1	66.1	50.2	40.4	30.4	25.1	20.6
-65°	132.2	112.2	92.2	77.5	62.3	49.1	40.4	31.5	26.0	22.0	18.1
-67.5°	93.4	81.0	68.1	54.9	46.0	38.3	30.4	26.0	22.4	18.8	16.1
-70°	66.3	55.2	47.4	40.9	34.2	28.2	25.1	22.0	18.8	16.4	14.1
-72.5°	44.7	39.4	33.9	28.5	26.0	23.3	20.6	18.1	16.1	14.1	12.0
-75°	29.4	27.1	25.0	22.9	20.7	18.5	16.9	15.2	13.5	11.7	10.3
-77.5°	22.4	20.7	19.0	17.6	16.3	15.0	13.6	12.2	10.9	9.8	8.6
-80°	16.5	15.6	14.6	13.6	12.5	11.5	10.6	9.7	8.8	7.9	6.9
-82.5°	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.3	6.6	5.9	5.2
-85°	7.8	7.4	7.0	6.6	6.2	5.8	5.4	4.9	4.4	4.0	3.5
-87.5°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
80°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
77.5°	7.4	6.2	5.0	3.8	2.5	1.3	0.0
75°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
72.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
70°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
67.5°	13.5	10.9	8.8	6.6	4.4	2.2	0.0
65°	15.2	12.2	9.7	7.3	4.9	2.5	0.0
62.5°	16.9	13.6	10.6	8.0	5.4	2.7	0.0
60°	18.5	15.0	11.5	8.6	5.8	2.9	0.0
57.5°	20.7	16.3	12.5	9.3	6.2	3.1	0.0
55°	22.9	17.6	13.6	9.9	6.6	3.3	0.0
52.5°	25.0	19.0	14.6	10.5	7.0	3.5	0.0
50°	27.1	20.7	15.6	11.1	7.4	3.7	0.0
47.5°	29.4	22.4	16.5	11.7	7.8	3.9	0.0
45°	33.8	24.0	17.4	12.4	8.2	4.1	0.0
42.5°	38.0	25.5	18.3	13.0	8.5	4.3	0.0
40°	42.1	27.0	19.3	13.6	8.8	4.4	0.0
37.5°	45.9	28.3	20.4	14.2	9.1	4.6	0.0
35°	49.5	30.8	21.4	14.8	9.4	4.8	0.0
32.5°	53.7	33.6	22.4	15.3	9.7	4.9	0.0
30°	59.5	36.2	23.3	15.8	10.0	5.0	0.0
27.5°	64.8	38.7	24.2	16.2	10.2	5.1	0.0
25°	69.7	40.9	25.0	16.7	10.4	5.3	0.0
22.5°	74.2	43.0	25.7	17.0	10.6	5.4	0.0
20°	78.3	44.8	26.3	17.4	10.8	5.5	0.0
17.5°	81.8	46.5	26.9	17.7	11.0	5.5	0.0
15°	85.0	47.9	27.4	18.0	11.1	5.6	0.0
12.5°	87.6	49.1	27.8	18.2	11.2	5.7	0.0
10°	89.8	50.1	28.2	18.4	11.3	5.7	0.0
7.5°	91.5	50.9	28.5	18.5	11.4	5.8	0.0
5°	92.7	51.5	28.6	18.6	11.5	5.8	0.0
2.5°	93.5	51.8	28.8	18.7	11.5	5.8	0.0
0°	93.7	51.9	28.8	18.7	11.5	5.8	0.0
-2.5°	93.5	51.8	28.8	18.7	11.5	5.8	0.0
-5°	92.7	51.5	28.6	18.6	11.5	5.8	0.0
-7.5°	91.5	50.9	28.5	18.5	11.4	5.8	0.0
-10°	89.8	50.1	28.2	18.4	11.3	5.7	0.0
-12.5°	87.6	49.1	27.8	18.2	11.2	5.7	0.0
-15°	85.0	47.9	27.4	18.0	11.1	5.6	0.0
-17.5°	81.8	46.5	26.9	17.7	11.0	5.5	0.0
-20°	78.3	44.8	26.3	17.4	10.8	5.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.2	43.0	25.7	17.0	10.6	5.4	0.0
-25°	69.7	40.9	25.0	16.7	10.4	5.3	0.0
-27.5°	64.8	38.7	24.2	16.2	10.2	5.1	0.0
-30°	59.5	36.2	23.3	15.8	10.0	5.0	0.0
-32.5°	53.7	33.6	22.4	15.3	9.7	4.9	0.0
-35°	49.5	30.8	21.4	14.8	9.4	4.8	0.0
-37.5°	45.9	28.3	20.4	14.2	9.1	4.6	0.0
-40°	42.1	27.0	19.3	13.6	8.8	4.4	0.0
-42.5°	38.0	25.5	18.3	13.0	8.5	4.3	0.0
-45°	33.8	24.0	17.4	12.4	8.2	4.1	0.0
-47.5°	29.4	22.4	16.5	11.7	7.8	3.9	0.0
-50°	27.1	20.7	15.6	11.1	7.4	3.7	0.0
-52.5°	25.0	19.0	14.6	10.5	7.0	3.5	0.0
-55°	22.9	17.6	13.6	9.9	6.6	3.3	0.0
-57.5°	20.7	16.3	12.5	9.3	6.2	3.1	0.0
-60°	18.5	15.0	11.5	8.6	5.8	2.9	0.0
-62.5°	16.9	13.6	10.6	8.0	5.4	2.7	0.0
-65°	15.2	12.2	9.7	7.3	4.9	2.5	0.0
-67.5°	13.5	10.9	8.8	6.6	4.4	2.2	0.0
-70°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
-72.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
-75°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
-77.5°	7.4	6.2	5.0	3.8	2.5	1.3	0.0
-80°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
-82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)