

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: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-3S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

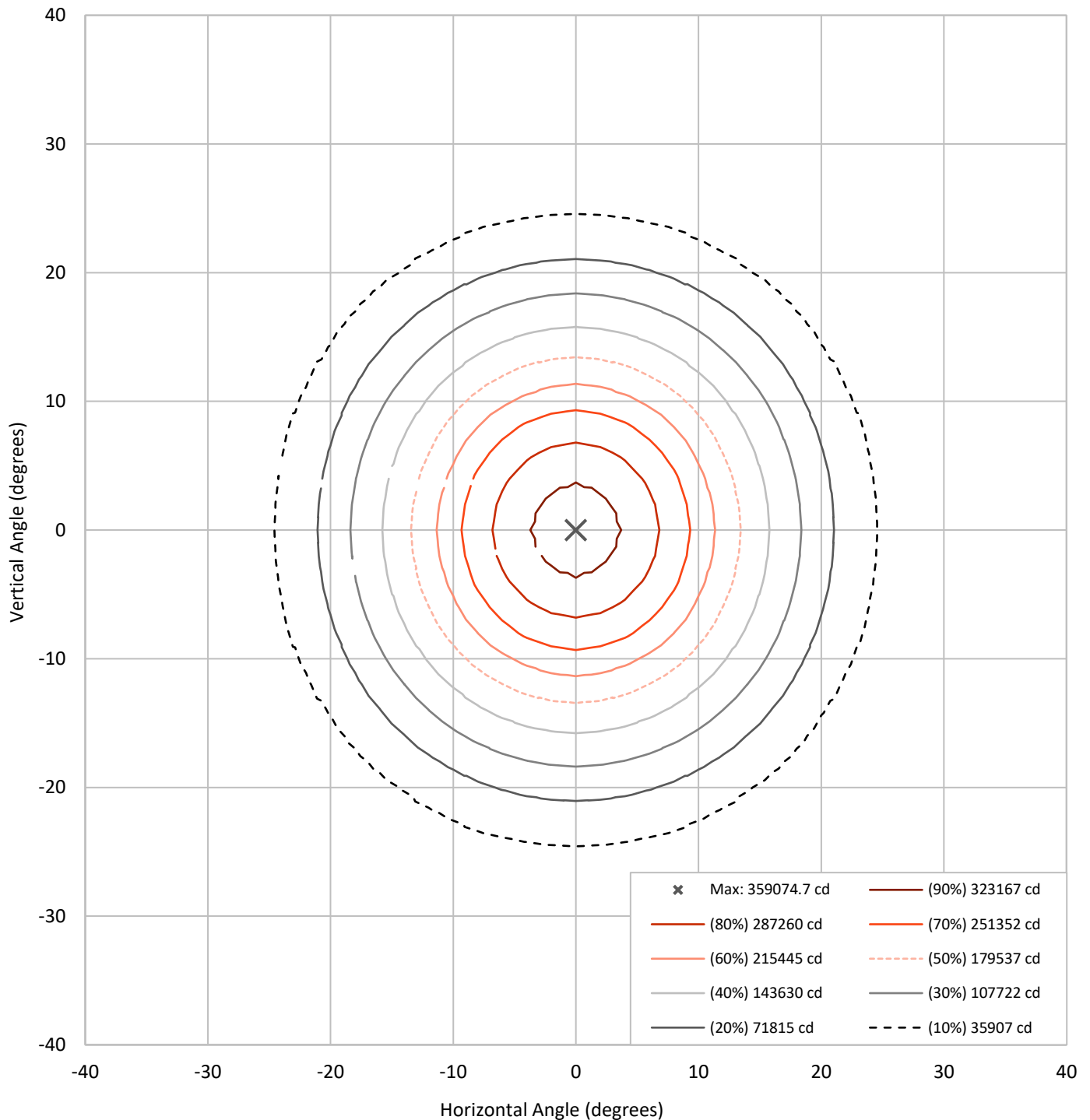
Test Method: LM-79-08  
Report Number: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-70-3S-HEG-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 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:	96981.3 lumens	Max Intensity:	359074.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.7 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:	42049.6 lumens	Field Lumens:	80504 lumens
Beam Efficiency:	43.4%	Field Efficiency:	83.0%
Input Watts (W):	648		
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





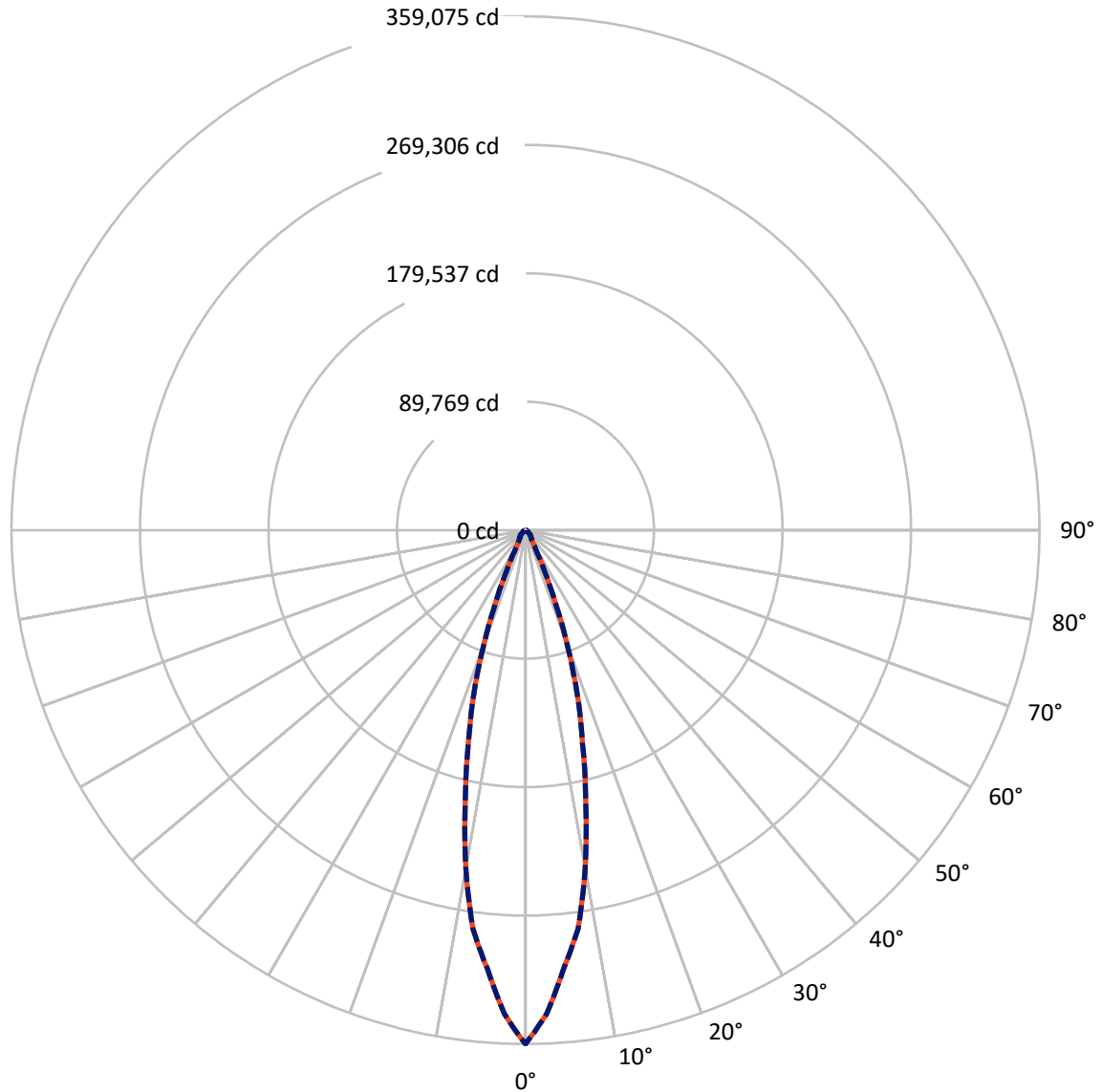
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### Lumen Table

90	0.1	0.9	3.4	8.8	11.7	8.8	3.4	0.9	0.1							
80	0.1	0.9	3.4	8.8	11.7	8.8	3.4	0.9	0.1							
70	0.4	0.5	2.1	6.4	12.7	19.2	24.6	27.6	27.6	24.6	19.2	12.7	6.4	2.1	0.5	0.4
60		1.6	7.5	17.7	30.3	43.3	53.7	59.3	59.3	53.7	43.3	30.3	17.7	7.5	1.6	
50	1.1	4.0	14.4	30.7	50.8	80.0	114.5	134.3	134.3	114.5	80.0	50.8	30.7	14.4	4.0	1.1
40		6.7	21.4	44.0	89.6	147.6	189.9	223.1	223.1	189.9	147.6	89.6	44.0	21.4	6.7	
30	2.6	9.2	27.7	62.9	133.7	211.6	489.2	1006.2	1006.2	489.2	211.6	133.7	62.9	27.7	9.2	2.6
20		11.1	32.2	84.7	161.6	461.8	2140.4	4286.2	4286.2	2140.4	461.8	161.6	84.7	32.2	11.1	
10	3.3	12.1	34.5	96.3	184.4	926.3	4168.9	8222.0	8222.0	4168.9	926.3	184.4	96.3	34.5	12.1	3.3
0		12.1	34.5	96.3	184.4	926.3	4168.9	8222.0	8222.0	4168.9	926.3	184.4	96.3	34.5	12.1	
-10	2.6	11.1	32.2	84.7	161.6	461.8	2140.4	4286.2	4286.2	2140.4	461.8	161.6	84.7	32.2	11.1	2.6
-20		9.2	27.7	62.9	133.7	211.6	489.2	1006.2	1006.2	489.2	211.6	133.7	62.9	27.7	9.2	
-30	1.1	6.7	21.4	44.0	89.6	147.6	189.9	223.1	223.1	189.9	147.6	89.6	44.0	21.4	6.7	1.1
-40		4.0	14.4	30.7	50.8	80.0	114.5	134.3	134.3	114.5	80.0	50.8	30.7	14.4	4.0	
-50	0.4	1.6	7.5	17.7	30.3	43.3	53.7	59.3	59.3	53.7	43.3	30.3	17.7	7.5	1.6	0.4
-60		0.5	2.1	6.4	12.7	19.2	24.6	27.6	27.6	24.6	19.2	12.7	6.4	2.1	0.5	
-70	0.1	0.9	3.4	8.8	11.7	8.8	3.4	0.9	0.1							
-80		0.1	0.9	3.4	8.8	11.7	8.8	3.4	0.9	0.1						
-90	0.1	0.9	3.4	8.8	11.7	8.8	3.4	0.9	0.1							

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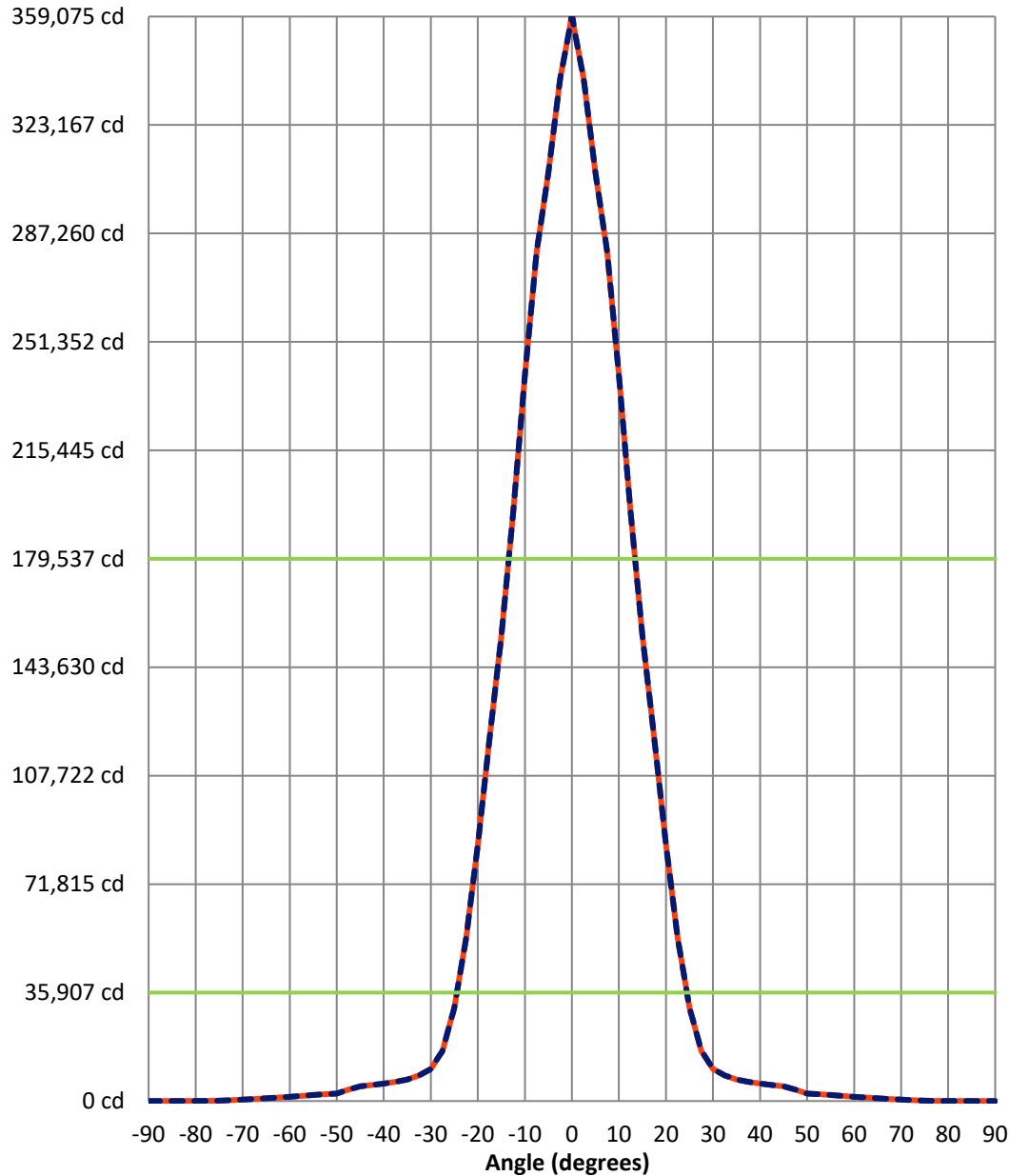
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 26.9°  
 V Angle: 26.9°  
 Lumens: 42049.6  
 Efficiency: 43.4%

**Field:**  
 H Angle: 48.9°  
 V Angle: 48.9°  
 Lumens: 80504  
 Efficiency: 83.0%

**Spill:**  
 Lumens: 16477.3  
 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	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.2	7.8
80°	0.0	1.1	2.3	3.4	4.5	5.6	6.6	7.5	8.3	9.1	9.8
77.5°	0.0	1.4	2.8	4.2	5.6	6.9	7.9	8.9	9.9	10.9	12.2
75°	0.0	1.7	3.4	5.0	6.6	7.9	9.1	10.3	11.7	13.6	15.6
72.5°	0.0	2.0	3.9	5.8	7.5	8.9	10.3	12.0	14.4	16.7	18.9
70°	0.0	2.2	4.4	6.6	8.3	9.9	11.7	14.4	17.0	19.7	23.3
67.5°	0.0	2.5	5.0	7.2	9.1	10.9	13.6	16.7	19.7	23.8	27.8
65°	0.0	2.7	5.5	7.8	9.8	12.2	15.6	18.9	23.3	27.8	33.6
62.5°	0.0	3.0	6.0	8.4	10.6	13.8	17.5	21.8	26.8	32.6	42.5
60°	0.0	3.2	6.5	8.9	11.4	15.4	19.4	24.8	30.3	40.4	51.1
57.5°	0.0	3.5	6.9	9.5	12.6	16.9	21.9	27.8	36.4	48.1	73.5
55°	0.0	3.7	7.2	10.0	13.7	18.4	24.3	30.7	43.0	59.5	101.8
52.5°	0.0	4.0	7.6	10.5	14.9	19.9	26.7	36.0	49.5	84.3	129.3
50°	0.0	4.2	7.9	11.0	16.0	21.9	29.1	41.5	60.2	108.4	179.5
47.5°	0.0	4.4	8.2	11.6	17.1	23.7	31.6	46.8	80.8	131.7	230.8
45°	0.0	4.6	8.5	12.4	18.1	25.5	36.0	51.9	100.7	175.6	280.2
42.5°	0.0	4.8	8.8	13.1	19.1	27.3	40.2	63.6	119.8	218.3	338.5
40°	0.0	5.0	9.1	13.8	20.3	28.9	44.2	79.5	143.9	259.1	396.0
37.5°	0.0	5.2	9.4	14.5	21.5	30.5	47.9	94.7	178.3	300.8	450.9
35°	0.0	5.3	9.6	15.1	22.7	32.9	51.5	109.0	210.9	347.4	502.4
32.5°	0.0	5.5	9.9	15.7	23.8	35.7	57.3	122.5	241.7	391.3	550.3
30°	0.0	5.6	10.1	16.3	24.8	38.4	68.1	138.1	270.4	432.5	595.2
27.5°	0.0	5.8	10.3	16.8	25.8	40.8	78.1	161.3	299.8	470.7	637.0
25°	0.0	5.9	10.5	17.3	26.7	43.0	87.3	182.7	330.9	505.4	676.0
22.5°	0.0	6.0	10.7	17.7	27.5	45.1	95.7	202.3	359.3	536.8	720.6
20°	0.0	6.1	10.8	18.1	28.2	46.9	103.3	219.9	384.9	565.2	760.8
17.5°	0.0	6.2	10.9	18.5	28.9	48.5	110.0	235.5	407.6	590.4	796.6
15°	0.0	6.3	11.1	18.8	29.4	49.9	115.8	249.1	427.5	612.4	827.9
12.5°	0.0	6.3	11.2	19.0	29.9	51.1	120.8	260.7	444.3	631.1	854.5
10°	0.0	6.4	11.3	19.2	30.3	52.1	124.9	270.2	458.2	646.5	876.4
7.5°	0.0	6.4	11.3	19.4	30.6	52.9	128.1	277.6	469.0	658.5	893.4
5°	0.0	6.5	11.4	19.5	30.8	53.5	130.4	282.9	476.8	667.1	905.7
2.5°	0.0	6.5	11.4	19.6	31.0	53.8	131.7	286.1	481.4	672.3	913.0
0°	0.0	6.5	11.4	19.6	31.0	53.9	132.2	287.2	483.0	674.0	915.5
-2.5°	0.0	6.5	11.4	19.6	31.0	53.8	131.7	286.1	481.4	672.3	913.0
-5°	0.0	6.5	11.4	19.5	30.8	53.5	130.4	282.9	476.8	667.1	905.7
-7.5°	0.0	6.4	11.3	19.4	30.6	52.9	128.1	277.6	469.0	658.5	893.4
-10°	0.0	6.4	11.3	19.2	30.3	52.1	124.9	270.2	458.2	646.5	876.4
-12.5°	0.0	6.3	11.2	19.0	29.9	51.1	120.8	260.7	444.3	631.1	854.5
-15°	0.0	6.3	11.1	18.8	29.4	49.9	115.8	249.1	427.5	612.4	827.9
-17.5°	0.0	6.2	10.9	18.5	28.9	48.5	110.0	235.5	407.6	590.4	796.6
-20°	0.0	6.1	10.8	18.1	28.2	46.9	103.3	219.9	384.9	565.2	760.8



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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	6.0	10.7	17.7	27.5	45.1	95.7	202.3	359.3	536.8	720.6
-25°	0.0	5.9	10.5	17.3	26.7	43.0	87.3	182.7	330.9	505.4	676.0
-27.5°	0.0	5.8	10.3	16.8	25.8	40.8	78.1	161.3	299.8	470.7	637.0
-30°	0.0	5.6	10.1	16.3	24.8	38.4	68.1	138.1	270.4	432.5	595.2
-32.5°	0.0	5.5	9.9	15.7	23.8	35.7	57.3	122.5	241.7	391.3	550.3
-35°	0.0	5.3	9.6	15.1	22.7	32.9	51.5	109.0	210.9	347.4	502.4
-37.5°	0.0	5.2	9.4	14.5	21.5	30.5	47.9	94.7	178.3	300.8	450.9
-40°	0.0	5.0	9.1	13.8	20.3	28.9	44.2	79.5	143.9	259.1	396.0
-42.5°	0.0	4.8	8.8	13.1	19.1	27.3	40.2	63.6	119.8	218.3	338.5
-45°	0.0	4.6	8.5	12.4	18.1	25.5	36.0	51.9	100.7	175.6	280.2
-47.5°	0.0	4.4	8.2	11.6	17.1	23.7	31.6	46.8	80.8	131.7	230.8
-50°	0.0	4.2	7.9	11.0	16.0	21.9	29.1	41.5	60.2	108.4	179.5
-52.5°	0.0	4.0	7.6	10.5	14.9	19.9	26.7	36.0	49.5	84.3	129.3
-55°	0.0	3.7	7.2	10.0	13.7	18.4	24.3	30.7	43.0	59.5	101.8
-57.5°	0.0	3.5	6.9	9.5	12.6	16.9	21.9	27.8	36.4	48.1	73.5
-60°	0.0	3.2	6.5	8.9	11.4	15.4	19.4	24.8	30.3	40.4	51.1
-62.5°	0.0	3.0	6.0	8.4	10.6	13.8	17.5	21.8	26.8	32.6	42.5
-65°	0.0	2.7	5.5	7.8	9.8	12.2	15.6	18.9	23.3	27.8	33.6
-67.5°	0.0	2.5	5.0	7.2	9.1	10.9	13.6	16.7	19.7	23.8	27.8
-70°	0.0	2.2	4.4	6.6	8.3	9.9	11.7	14.4	17.0	19.7	23.3
-72.5°	0.0	2.0	3.9	5.8	7.5	8.9	10.3	12.0	14.4	16.7	18.9
-75°	0.0	1.7	3.4	5.0	6.6	7.9	9.1	10.3	11.7	13.6	15.6
-77.5°	0.0	1.4	2.8	4.2	5.6	6.9	7.9	8.9	9.9	10.9	12.2
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.6	7.5	8.3	9.1	9.8
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.2	7.8
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
-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):**

	-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°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
85°	6.0	6.5	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.1	9.4
82.5°	8.4	8.9	9.5	10.0	10.5	11.0	11.6	12.4	13.1	13.8	14.5
80°	10.6	11.4	12.6	13.7	14.9	16.0	17.1	18.1	19.1	20.3	21.5
77.5°	13.8	15.4	16.9	18.4	19.9	21.9	23.7	25.5	27.3	28.9	30.5
75°	17.5	19.4	21.9	24.3	26.7	29.1	31.6	36.0	40.2	44.2	47.9
72.5°	21.8	24.8	27.8	30.7	36.0	41.5	46.8	51.9	63.6	79.5	94.7
70°	26.8	30.3	36.4	43.0	49.5	60.2	80.8	100.7	119.8	143.9	178.3
67.5°	32.6	40.4	48.1	59.5	84.3	108.4	131.7	175.6	218.3	259.1	300.8
65°	42.5	51.1	73.5	101.8	129.3	179.5	230.8	280.2	338.5	396.0	450.9
62.5°	52.2	80.5	112.3	154.4	214.4	272.7	340.2	409.1	475.4	537.6	596.8
60°	80.5	115.8	168.4	235.5	304.5	384.9	462.8	536.8	607.7	676.0	758.1
57.5°	112.3	168.4	242.5	322.4	411.9	498.6	581.1	661.0	754.9	848.4	938.3
55°	154.4	235.5	322.4	420.9	516.4	607.9	702.9	811.9	917.2	1020.4	1119.3
52.5°	214.4	304.5	411.9	516.4	616.9	725.7	846.4	964.5	1079.9	1190.4	1294.2
50°	272.7	384.9	498.6	607.9	725.7	858.0	988.3	1116.0	1237.6	1353.7	1480.3
47.5°	340.2	462.8	581.1	702.9	846.4	988.3	1128.0	1261.3	1389.7	1540.4	1688.2
45°	409.1	536.8	661.0	811.9	964.5	1116.0	1261.3	1401.8	1570.7	1735.7	1900.2
42.5°	475.4	607.7	754.9	917.2	1079.9	1237.6	1389.7	1570.7	1751.8	1932.9	2091.1
40°	537.6	676.0	848.4	1020.4	1190.4	1353.7	1540.4	1735.7	1932.9	2105.0	2259.1
37.5°	596.8	758.1	938.3	1119.3	1294.2	1480.3	1688.2	1900.2	2091.1	2259.1	2395.5
35°	653.0	836.1	1025.1	1212.2	1393.3	1612.3	1835.4	2049.8	2230.9	2383.6	2759.2
32.5°	714.5	909.9	1107.3	1299.2	1507.8	1739.5	1976.1	2174.9	2347.8	2609.5	3526.5
30°	777.5	980.4	1184.0	1381.1	1617.6	1863.3	2092.3	2289.0	2453.1	3297.5	4176.7
27.5°	836.1	1046.4	1254.3	1470.9	1721.4	1979.3	2196.2	2381.7	2921.2	3920.3	4749.5
25°	890.3	1107.3	1319.4	1558.8	1821.0	2074.0	2288.5	2468.2	3489.9	4423.1	5040.2
22.5°	940.3	1163.1	1379.0	1639.4	1912.6	2156.5	2362.6	2893.8	3976.5	4876.9	5245.7
20°	986.0	1212.2	1440.3	1713.0	1995.7	2231.5	2429.9	3339.6	4373.1	5052.2	5442.3
17.5°	1026.7	1256.0	1499.9	1781.1	2059.6	2293.2	2540.6	3740.0	4730.1	5210.4	5623.9
15°	1062.2	1294.2	1552.0	1840.7	2113.7	2342.0	2865.6	4039.3	4940.5	5352.8	5785.9
12.5°	1092.4	1326.8	1596.5	1891.6	2160.0	2383.8	3144.0	4288.6	5051.6	5480.8	5956.2
10°	1117.3	1353.7	1633.1	1933.6	2198.1	2418.4	3374.3	4495.1	5143.6	5587.2	6098.1
7.5°	1136.8	1374.7	1661.8	1966.4	2228.0	2445.4	3554.9	4657.3	5216.0	5671.0	6210.1
5°	1150.7	1389.7	1682.3	1990.0	2249.5	2464.9	3684.8	4774.0	5268.2	5731.5	6290.9
2.5°	1159.1	1398.8	1694.7	2004.2	2262.4	2476.6	3763.1	4844.4	5299.7	5768.0	6339.8
0°	1161.9	1401.8	1698.8	2008.9	2266.7	2480.5	3789.2	4867.9	5310.2	5780.2	6356.2
-2.5°	1159.1	1398.8	1694.7	2004.2	2262.4	2476.6	3763.1	4844.4	5299.7	5768.0	6339.8
-5°	1150.7	1389.7	1682.3	1990.0	2249.5	2464.9	3684.8	4774.0	5268.2	5731.5	6290.9
-7.5°	1136.8	1374.7	1661.8	1966.4	2228.0	2445.4	3554.9	4657.3	5216.0	5671.0	6210.1
-10°	1117.3	1353.7	1633.1	1933.6	2198.1	2418.4	3374.3	4495.1	5143.6	5587.2	6098.1
-12.5°	1092.4	1326.8	1596.5	1891.6	2160.0	2383.8	3144.0	4288.6	5051.6	5480.8	5956.2
-15°	1062.2	1294.2	1552.0	1840.7	2113.7	2342.0	2865.6	4039.3	4940.5	5352.8	5785.9
-17.5°	1026.7	1256.0	1499.9	1781.1	2059.6	2293.2	2540.6	3740.0	4730.1	5210.4	5623.9
-20°	986.0	1212.2	1440.3	1713.0	1995.7	2231.5	2429.9	3339.6	4373.1	5052.2	5442.3



REPORT NUMBER: P1305403 (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°	940.3	1163.1	1379.0	1639.4	1912.6	2156.5	2362.6	2893.8	3976.5	4876.9	5245.7
-25°	890.3	1107.3	1319.4	1558.8	1821.0	2074.0	2288.5	2468.2	3489.9	4423.1	5040.2
-27.5°	836.1	1046.4	1254.3	1470.9	1721.4	1979.3	2196.2	2381.7	2921.2	3920.3	4749.5
-30°	777.5	980.4	1184.0	1381.1	1617.6	1863.3	2092.3	2289.0	2453.1	3297.5	4176.7
-32.5°	714.5	909.9	1107.3	1299.2	1507.8	1739.5	1976.1	2174.9	2347.8	2609.5	3526.5
-35°	653.0	836.1	1025.1	1212.2	1393.3	1612.3	1835.4	2049.8	2230.9	2383.6	2759.2
-37.5°	596.8	758.1	938.3	1119.3	1294.2	1480.3	1688.2	1900.2	2091.1	2259.1	2395.5
-40°	537.6	676.0	848.4	1020.4	1190.4	1353.7	1540.4	1735.7	1932.9	2105.0	2259.1
-42.5°	475.4	607.7	754.9	917.2	1079.9	1237.6	1389.7	1570.7	1751.8	1932.9	2091.1
-45°	409.1	536.8	661.0	811.9	964.5	1116.0	1261.3	1401.8	1570.7	1735.7	1900.2
-47.5°	340.2	462.8	581.1	702.9	846.4	988.3	1128.0	1261.3	1389.7	1540.4	1688.2
-50°	272.7	384.9	498.6	607.9	725.7	858.0	988.3	1116.0	1237.6	1353.7	1480.3
-52.5°	214.4	304.5	411.9	516.4	616.9	725.7	846.4	964.5	1079.9	1190.4	1294.2
-55°	154.4	235.5	322.4	420.9	516.4	607.9	702.9	811.9	917.2	1020.4	1119.3
-57.5°	112.3	168.4	242.5	322.4	411.9	498.6	581.1	661.0	754.9	848.4	938.3
-60°	80.5	115.8	168.4	235.5	304.5	384.9	462.8	536.8	607.7	676.0	758.1
-62.5°	52.2	80.5	112.3	154.4	214.4	272.7	340.2	409.1	475.4	537.6	596.8
-65°	42.5	51.1	73.5	101.8	129.3	179.5	230.8	280.2	338.5	396.0	450.9
-67.5°	32.6	40.4	48.1	59.5	84.3	108.4	131.7	175.6	218.3	259.1	300.8
-70°	26.8	30.3	36.4	43.0	49.5	60.2	80.8	100.7	119.8	143.9	178.3
-72.5°	21.8	24.8	27.8	30.7	36.0	41.5	46.8	51.9	63.6	79.5	94.7
-75°	17.5	19.4	21.9	24.3	26.7	29.1	31.6	36.0	40.2	44.2	47.9
-77.5°	13.8	15.4	16.9	18.4	19.9	21.9	23.7	25.5	27.3	28.9	30.5
-80°	10.6	11.4	12.6	13.7	14.9	16.0	17.1	18.1	19.1	20.3	21.5
-82.5°	8.4	8.9	9.5	10.0	10.5	11.0	11.6	12.4	13.1	13.8	14.5
-85°	6.0	6.5	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.1	9.4
-87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
85°	9.6	9.9	10.1	10.3	10.5	10.7	10.8	10.9	11.1	11.2	11.3
82.5°	15.1	15.7	16.3	16.8	17.3	17.7	18.1	18.5	18.8	19.0	19.2
80°	22.7	23.8	24.8	25.8	26.7	27.5	28.2	28.9	29.4	29.9	30.3
77.5°	32.9	35.7	38.4	40.8	43.0	45.1	46.9	48.5	49.9	51.1	52.1
75°	51.5	57.3	68.1	78.1	87.3	95.7	103.3	110.0	115.8	120.8	124.9
72.5°	109.0	122.5	138.1	161.3	182.7	202.3	219.9	235.5	249.1	260.7	270.2
70°	210.9	241.7	270.4	299.8	330.9	359.3	384.9	407.6	427.5	444.3	458.2
67.5°	347.4	391.3	432.5	470.7	505.4	536.8	565.2	590.4	612.4	631.1	646.5
65°	502.4	550.3	595.2	637.0	676.0	720.6	760.8	796.6	827.9	854.5	876.4
62.5°	653.0	714.5	777.5	836.1	890.3	940.3	986.0	1026.7	1062.2	1092.4	1117.3
60°	836.1	909.9	980.4	1046.4	1107.3	1163.1	1212.2	1256.0	1294.2	1326.8	1353.7
57.5°	1025.1	1107.3	1184.0	1254.3	1319.4	1379.0	1440.3	1499.9	1552.0	1596.5	1633.1
55°	1212.2	1299.2	1381.1	1470.9	1558.8	1639.4	1713.0	1781.1	1840.7	1891.6	1933.6
52.5°	1393.3	1507.8	1617.6	1721.4	1821.0	1912.6	1995.7	2059.6	2113.7	2160.0	2198.1
50°	1612.3	1739.5	1863.3	1979.3	2074.0	2156.5	2231.5	2293.2	2342.0	2383.8	2418.4
47.5°	1835.4	1976.1	2092.3	2196.2	2288.5	2362.6	2429.9	2540.6	2865.6	3144.0	3374.3
45°	2049.8	2174.9	2289.0	2381.7	2468.2	2893.8	3339.6	3740.0	4039.3	4288.6	4495.1
42.5°	2230.9	2347.8	2453.1	2921.2	3489.9	3976.5	4373.1	4730.1	4940.5	5051.6	5143.6
40°	2383.6	2609.5	3297.5	3920.3	4423.1	4876.9	5052.2	5210.4	5352.8	5480.8	5587.2
37.5°	2759.2	3526.5	4176.7	4749.5	5040.2	5245.7	5442.3	5623.9	5785.9	5956.2	6098.1
35°	3603.4	4306.4	4900.9	5151.3	5392.3	5626.5	5856.6	6096.8	6310.5	6541.4	6746.7
32.5°	4306.4	4928.3	5207.6	5484.3	5752.2	6053.6	6338.3	6677.1	6984.8	7354.4	7753.6
30°	4900.9	5207.6	5515.2	5824.0	6174.2	6552.1	6958.9	7495.0	8089.7	8677.8	9359.7
27.5°	5151.3	5484.3	5824.0	6214.8	6663.8	7140.1	7919.3	8719.9	9728.5	10613.2	12740.4
25°	5392.3	5752.2	6174.2	6663.8	7244.1	8135.5	9246.0	10455.0	13284.2	16046.5	20660.9
22.5°	5626.5	6053.6	6552.1	7140.1	8135.5	9423.8	11215.7	14945.4	20559.6	27647.7	35396.9
20°	5856.6	6338.3	6958.9	7919.3	9246.0	11215.7	15508.8	23335.0	32662.1	45196.3	56766.9
17.5°	6096.8	6677.1	7495.0	8719.9	10455.0	14945.4	23335.0	35057.8	50276.7	67637.3	83916.5
15°	6310.5	6984.8	8089.7	9728.5	13284.2	20559.6	32662.1	50276.7	71365.8	92887.7	113651.9
12.5°	6541.4	7354.4	8677.8	10613.2	16046.5	27647.7	45196.3	67637.3	92887.7	118695.2	141039.3
10°	6746.7	7753.6	9359.7	12740.4	20660.9	35396.9	56766.9	83916.5	113651.9	141039.3	167694.8
7.5°	6909.1	8070.3	9902.3	14446.4	25077.2	43297.9	68697.0	99107.9	130582.9	160936.0	195018.3
5°	7026.6	8299.9	10297.0	15691.3	28314.2	49122.8	77560.3	110615.2	143264.3	178647.5	217631.7
2.5°	7097.8	8439.1	10536.7	16449.4	30291.7	52696.3	83029.6	117774.3	151248.8	190533.0	234229.5
0°	7121.6	8485.8	10617.1	16704.0	30957.0	53901.3	84879.5	120206.7	153980.3	194632.3	240202.9
-2.5°	7097.8	8439.1	10536.7	16449.4	30291.7	52696.3	83029.6	117774.3	151248.8	190533.0	234229.5
-5°	7026.6	8299.9	10297.0	15691.3	28314.2	49122.8	77560.3	110615.2	143264.3	178647.5	217631.7
-7.5°	6909.1	8070.3	9902.3	14446.4	25077.2	43297.9	68697.0	99107.9	130582.9	160936.0	195018.3
-10°	6746.7	7753.6	9359.7	12740.4	20660.9	35396.9	56766.9	83916.5	113651.9	141039.3	167694.8
-12.5°	6541.4	7354.4	8677.8	10613.2	16046.5	27647.7	45196.3	67637.3	92887.7	118695.2	141039.3
-15°	6310.5	6984.8	8089.7	9728.5	13284.2	20559.6	32662.1	50276.7	71365.8	92887.7	113651.9
-17.5°	6096.8	6677.1	7495.0	8719.9	10455.0	14945.4	23335.0	35057.8	50276.7	67637.3	83916.5
-20°	5856.6	6338.3	6958.9	7919.3	9246.0	11215.7	15508.8	23335.0	32662.1	45196.3	56766.9



REPORT NUMBER: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-HEG-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5626.5	6053.6	6552.1	7140.1	8135.5	9423.8	11215.7	14945.4	20559.6	27647.7	35396.9
-25°	5392.3	5752.2	6174.2	6663.8	7244.1	8135.5	9246.0	10455.0	13284.2	16046.5	20660.9
-27.5°	5151.3	5484.3	5824.0	6214.8	6663.8	7140.1	7919.3	8719.9	9728.5	10613.2	12740.4
-30°	4900.9	5207.6	5515.2	5824.0	6174.2	6552.1	6958.9	7495.0	8089.7	8677.8	9359.7
-32.5°	4306.4	4928.3	5207.6	5484.3	5752.2	6053.6	6338.3	6677.1	6984.8	7354.4	7753.6
-35°	3603.4	4306.4	4900.9	5151.3	5392.3	5626.5	5856.6	6096.8	6310.5	6541.4	6746.7
-37.5°	2759.2	3526.5	4176.7	4749.5	5040.2	5245.7	5442.3	5623.9	5785.9	5956.2	6098.1
-40°	2383.6	2609.5	3297.5	3920.3	4423.1	4876.9	5052.2	5210.4	5352.8	5480.8	5587.2
-42.5°	2230.9	2347.8	2453.1	2921.2	3489.9	3976.5	4373.1	4730.1	4940.5	5051.6	5143.6
-45°	2049.8	2174.9	2289.0	2381.7	2468.2	2893.8	3339.6	3740.0	4039.3	4288.6	4495.1
-47.5°	1835.4	1976.1	2092.3	2196.2	2288.5	2362.6	2429.9	2540.6	2865.6	3144.0	3374.3
-50°	1612.3	1739.5	1863.3	1979.3	2074.0	2156.5	2231.5	2293.2	2342.0	2383.8	2418.4
-52.5°	1393.3	1507.8	1617.6	1721.4	1821.0	1912.6	1995.7	2059.6	2113.7	2160.0	2198.1
-55°	1212.2	1299.2	1381.1	1470.9	1558.8	1639.4	1713.0	1781.1	1840.7	1891.6	1933.6
-57.5°	1025.1	1107.3	1184.0	1254.3	1319.4	1379.0	1440.3	1499.9	1552.0	1596.5	1633.1
-60°	836.1	909.9	980.4	1046.4	1107.3	1163.1	1212.2	1256.0	1294.2	1326.8	1353.7
-62.5°	653.0	714.5	777.5	836.1	890.3	940.3	986.0	1026.7	1062.2	1092.4	1117.3
-65°	502.4	550.3	595.2	637.0	676.0	720.6	760.8	796.6	827.9	854.5	876.4
-67.5°	347.4	391.3	432.5	470.7	505.4	536.8	565.2	590.4	612.4	631.1	646.5
-70°	210.9	241.7	270.4	299.8	330.9	359.3	384.9	407.6	427.5	444.3	458.2
-72.5°	109.0	122.5	138.1	161.3	182.7	202.3	219.9	235.5	249.1	260.7	270.2
-75°	51.5	57.3	68.1	78.1	87.3	95.7	103.3	110.0	115.8	120.8	124.9
-77.5°	32.9	35.7	38.4	40.8	43.0	45.1	46.9	48.5	49.9	51.1	52.1
-80°	22.7	23.8	24.8	25.8	26.7	27.5	28.2	28.9	29.4	29.9	30.3
-82.5°	15.1	15.7	16.3	16.8	17.3	17.7	18.1	18.5	18.8	19.0	19.2
-85°	9.6	9.9	10.1	10.3	10.5	10.7	10.8	10.9	11.1	11.2	11.3
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-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°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
85°	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.2	11.1	10.9
82.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.2	19.0	18.8	18.5
80°	30.6	30.8	31.0	31.0	31.0	30.8	30.6	30.3	29.9	29.4	28.9
77.5°	52.9	53.5	53.8	53.9	53.8	53.5	52.9	52.1	51.1	49.9	48.5
75°	128.1	130.4	131.7	132.2	131.7	130.4	128.1	124.9	120.8	115.8	110.0
72.5°	277.6	282.9	286.1	287.2	286.1	282.9	277.6	270.2	260.7	249.1	235.5
70°	469.0	476.8	481.4	483.0	481.4	476.8	469.0	458.2	444.3	427.5	407.6
67.5°	658.5	667.1	672.3	674.0	672.3	667.1	658.5	646.5	631.1	612.4	590.4
65°	893.4	905.7	913.0	915.5	913.0	905.7	893.4	876.4	854.5	827.9	796.6
62.5°	1136.8	1150.7	1159.1	1161.9	1159.1	1150.7	1136.8	1117.3	1092.4	1062.2	1026.7
60°	1374.7	1389.7	1398.8	1401.8	1398.8	1389.7	1374.7	1353.7	1326.8	1294.2	1256.0
57.5°	1661.8	1682.3	1694.7	1698.8	1694.7	1682.3	1661.8	1633.1	1596.5	1552.0	1499.9
55°	1966.4	1990.0	2004.2	2008.9	2004.2	1990.0	1966.4	1933.6	1891.6	1840.7	1781.1
52.5°	2228.0	2249.5	2262.4	2266.7	2262.4	2249.5	2228.0	2198.1	2160.0	2113.7	2059.6
50°	2445.4	2464.9	2476.6	2480.5	2476.6	2464.9	2445.4	2418.4	2383.8	2342.0	2293.2
47.5°	3554.9	3684.8	3763.1	3789.2	3763.1	3684.8	3554.9	3374.3	3144.0	2865.6	2540.6
45°	4657.3	4774.0	4844.4	4867.9	4844.4	4774.0	4657.3	4495.1	4288.6	4039.3	3740.0
42.5°	5216.0	5268.2	5299.7	5310.2	5299.7	5268.2	5216.0	5143.6	5051.6	4940.5	4730.1
40°	5671.0	5731.5	5768.0	5780.2	5768.0	5731.5	5671.0	5587.2	5480.8	5352.8	5210.4
37.5°	6210.1	6290.9	6339.8	6356.2	6339.8	6290.9	6210.1	6098.1	5956.2	5785.9	5623.9
35°	6909.1	7026.6	7097.8	7121.6	7097.8	7026.6	6909.1	6746.7	6541.4	6310.5	6096.8
32.5°	8070.3	8299.9	8439.1	8485.8	8439.1	8299.9	8070.3	7753.6	7354.4	6984.8	6677.1
30°	9902.3	10297.0	10536.7	10617.1	10536.7	10297.0	9902.3	9359.7	8677.8	8089.7	7495.0
27.5°	14446.4	15691.3	16449.4	16704.0	16449.4	15691.3	14446.4	12740.4	10613.2	9728.5	8719.9
25°	25077.2	28314.2	30291.7	30957.0	30291.7	28314.2	25077.2	20660.9	16046.5	13284.2	10455.0
22.5°	43297.9	49122.8	52696.3	53901.3	52696.3	49122.8	43297.9	35396.9	27647.7	20559.6	14945.4
20°	68697.0	77560.3	83029.6	84879.5	83029.6	77560.3	68697.0	56766.9	45196.3	32662.1	23335.0
17.5°	99107.9	110615.2	117774.3	120206.7	117774.3	110615.2	99107.9	83916.5	67637.3	50276.7	35057.8
15°	130582.9	143264.3	151248.8	153980.3	151248.8	143264.3	130582.9	113651.9	92887.7	71365.8	50276.7
12.5°	160936.0	178647.5	190533.0	194632.3	190533.0	178647.5	160936.0	141039.3	118695.2	92887.7	67637.3
10°	195018.3	217631.7	234229.5	240202.9	234229.5	217631.7	195018.3	167694.8	141039.3	113651.9	83916.5
7.5°	228607.9	259135.5	276021.8	281035.2	276021.8	259135.5	228607.9	195018.3	160936.0	130582.9	99107.9
5°	259135.5	286421.3	302039.9	307443.3	302039.9	286421.3	259135.5	217631.7	178647.5	143264.3	110615.2
2.5°	276021.8	302039.9	323719.9	338431.3	323719.9	302039.9	276021.8	234229.5	190533.0	151248.8	117774.3
0°	281035.2	307443.3	338431.3	359074.7	338431.3	307443.3	281035.2	240202.9	194632.3	153980.3	120206.7
-2.5°	276021.8	302039.9	323719.9	338431.3	323719.9	302039.9	276021.8	234229.5	190533.0	151248.8	117774.3
-5°	259135.5	286421.3	302039.9	307443.3	302039.9	286421.3	259135.5	217631.7	178647.5	143264.3	110615.2
-7.5°	228607.9	259135.5	276021.8	281035.2	276021.8	259135.5	228607.9	195018.3	160936.0	130582.9	99107.9
-10°	195018.3	217631.7	234229.5	240202.9	234229.5	217631.7	195018.3	167694.8	141039.3	113651.9	83916.5
-12.5°	160936.0	178647.5	190533.0	194632.3	190533.0	178647.5	160936.0	141039.3	118695.2	92887.7	67637.3
-15°	130582.9	143264.3	151248.8	153980.3	151248.8	143264.3	130582.9	113651.9	92887.7	71365.8	50276.7
-17.5°	99107.9	110615.2	117774.3	120206.7	117774.3	110615.2	99107.9	83916.5	67637.3	50276.7	35057.8
-20°	68697.0	77560.3	83029.6	84879.5	83029.6	77560.3	68697.0	56766.9	45196.3	32662.1	23335.0



REPORT NUMBER: P1305403 (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°	43297.9	49122.8	52696.3	53901.3	52696.3	49122.8	43297.9	35396.9	27647.7	20559.6	14945.4
-25°	25077.2	28314.2	30291.7	30957.0	30291.7	28314.2	25077.2	20660.9	16046.5	13284.2	10455.0
-27.5°	14446.4	15691.3	16449.4	16704.0	16449.4	15691.3	14446.4	12740.4	10613.2	9728.5	8719.9
-30°	9902.3	10297.0	10536.7	10617.1	10536.7	10297.0	9902.3	9359.7	8677.8	8089.7	7495.0
-32.5°	8070.3	8299.9	8439.1	8485.8	8439.1	8299.9	8070.3	7753.6	7354.4	6984.8	6677.1
-35°	6909.1	7026.6	7097.8	7121.6	7097.8	7026.6	6909.1	6746.7	6541.4	6310.5	6096.8
-37.5°	6210.1	6290.9	6339.8	6356.2	6339.8	6290.9	6210.1	6098.1	5956.2	5785.9	5623.9
-40°	5671.0	5731.5	5768.0	5780.2	5768.0	5731.5	5671.0	5587.2	5480.8	5352.8	5210.4
-42.5°	5216.0	5268.2	5299.7	5310.2	5299.7	5268.2	5216.0	5143.6	5051.6	4940.5	4730.1
-45°	4657.3	4774.0	4844.4	4867.9	4844.4	4774.0	4657.3	4495.1	4288.6	4039.3	3740.0
-47.5°	3554.9	3684.8	3763.1	3789.2	3763.1	3684.8	3554.9	3374.3	3144.0	2865.6	2540.6
-50°	2445.4	2464.9	2476.6	2480.5	2476.6	2464.9	2445.4	2418.4	2383.8	2342.0	2293.2
-52.5°	2228.0	2249.5	2262.4	2266.7	2262.4	2249.5	2228.0	2198.1	2160.0	2113.7	2059.6
-55°	1966.4	1990.0	2004.2	2008.9	2004.2	1990.0	1966.4	1933.6	1891.6	1840.7	1781.1
-57.5°	1661.8	1682.3	1694.7	1698.8	1694.7	1682.3	1661.8	1633.1	1596.5	1552.0	1499.9
-60°	1374.7	1389.7	1398.8	1401.8	1398.8	1389.7	1374.7	1353.7	1326.8	1294.2	1256.0
-62.5°	1136.8	1150.7	1159.1	1161.9	1159.1	1150.7	1136.8	1117.3	1092.4	1062.2	1026.7
-65°	893.4	905.7	913.0	915.5	913.0	905.7	893.4	876.4	854.5	827.9	796.6
-67.5°	658.5	667.1	672.3	674.0	672.3	667.1	658.5	646.5	631.1	612.4	590.4
-70°	469.0	476.8	481.4	483.0	481.4	476.8	469.0	458.2	444.3	427.5	407.6
-72.5°	277.6	282.9	286.1	287.2	286.1	282.9	277.6	270.2	260.7	249.1	235.5
-75°	128.1	130.4	131.7	132.2	131.7	130.4	128.1	124.9	120.8	115.8	110.0
-77.5°	52.9	53.5	53.8	53.9	53.8	53.5	52.9	52.1	51.1	49.9	48.5
-80°	30.6	30.8	31.0	31.0	31.0	30.8	30.6	30.3	29.9	29.4	28.9
-82.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.2	19.0	18.8	18.5
-85°	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.2	11.1	10.9
-87.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	10.8	10.7	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5
82.5°	18.1	17.7	17.3	16.8	16.3	15.7	15.1	14.5	13.8	13.1	12.4
80°	28.2	27.5	26.7	25.8	24.8	23.8	22.7	21.5	20.3	19.1	18.1
77.5°	46.9	45.1	43.0	40.8	38.4	35.7	32.9	30.5	28.9	27.3	25.5
75°	103.3	95.7	87.3	78.1	68.1	57.3	51.5	47.9	44.2	40.2	36.0
72.5°	219.9	202.3	182.7	161.3	138.1	122.5	109.0	94.7	79.5	63.6	51.9
70°	384.9	359.3	330.9	299.8	270.4	241.7	210.9	178.3	143.9	119.8	100.7
67.5°	565.2	536.8	505.4	470.7	432.5	391.3	347.4	300.8	259.1	218.3	175.6
65°	760.8	720.6	676.0	637.0	595.2	550.3	502.4	450.9	396.0	338.5	280.2
62.5°	986.0	940.3	890.3	836.1	777.5	714.5	653.0	596.8	537.6	475.4	409.1
60°	1212.2	1163.1	1107.3	1046.4	980.4	909.9	836.1	758.1	676.0	607.7	536.8
57.5°	1440.3	1379.0	1319.4	1254.3	1184.0	1107.3	1025.1	938.3	848.4	754.9	661.0
55°	1713.0	1639.4	1558.8	1470.9	1381.1	1299.2	1212.2	1119.3	1020.4	917.2	811.9
52.5°	1995.7	1912.6	1821.0	1721.4	1617.6	1507.8	1393.3	1294.2	1190.4	1079.9	964.5
50°	2231.5	2156.5	2074.0	1979.3	1863.3	1739.5	1612.3	1480.3	1353.7	1237.6	1116.0
47.5°	2429.9	2362.6	2288.5	2196.2	2092.3	1976.1	1835.4	1688.2	1540.4	1389.7	1261.3
45°	3339.6	2893.8	2468.2	2381.7	2289.0	2174.9	2049.8	1900.2	1735.7	1570.7	1401.8
42.5°	4373.1	3976.5	3489.9	2921.2	2453.1	2347.8	2230.9	2091.1	1932.9	1751.8	1570.7
40°	5052.2	4876.9	4423.1	3920.3	3297.5	2609.5	2383.6	2259.1	2105.0	1932.9	1735.7
37.5°	5442.3	5245.7	5040.2	4749.5	4176.7	3526.5	2759.2	2395.5	2259.1	2091.1	1900.2
35°	5856.6	5626.5	5392.3	5151.3	4900.9	4306.4	3603.4	2759.2	2383.6	2230.9	2049.8
32.5°	6338.3	6053.6	5752.2	5484.3	5207.6	4928.3	4306.4	3526.5	2609.5	2347.8	2174.9
30°	6958.9	6552.1	6174.2	5824.0	5515.2	5207.6	4900.9	4176.7	3297.5	2453.1	2289.0
27.5°	7919.3	7140.1	6663.8	6214.8	5824.0	5484.3	5151.3	4749.5	3920.3	2921.2	2381.7
25°	9246.0	8135.5	7244.1	6663.8	6174.2	5752.2	5392.3	5040.2	4423.1	3489.9	2468.2
22.5°	11215.7	9423.8	8135.5	7140.1	6552.1	6053.6	5626.5	5245.7	4876.9	3976.5	2893.8
20°	15508.8	11215.7	9246.0	7919.3	6958.9	6338.3	5856.6	5442.3	5052.2	4373.1	3339.6
17.5°	23335.0	14945.4	10455.0	8719.9	7495.0	6677.1	6096.8	5623.9	5210.4	4730.1	3740.0
15°	32662.1	20559.6	13284.2	9728.5	8089.7	6984.8	6310.5	5785.9	5352.8	4940.5	4039.3
12.5°	45196.3	27647.7	16046.5	10613.2	8677.8	7354.4	6541.4	5956.2	5480.8	5051.6	4288.6
10°	56766.9	35396.9	20660.9	12740.4	9359.7	7753.6	6746.7	6098.1	5587.2	5143.6	4495.1
7.5°	68697.0	43297.9	25077.2	14446.4	9902.3	8070.3	6909.1	6210.1	5671.0	5216.0	4657.3
5°	77560.3	49122.8	28314.2	15691.3	10297.0	8299.9	7026.6	6290.9	5731.5	5268.2	4774.0
2.5°	83029.6	52696.3	30291.7	16449.4	10536.7	8439.1	7097.8	6339.8	5768.0	5299.7	4844.4
0°	84879.5	53901.3	30957.0	16704.0	10617.1	8485.8	7121.6	6356.2	5780.2	5310.2	4867.9
-2.5°	83029.6	52696.3	30291.7	16449.4	10536.7	8439.1	7097.8	6339.8	5768.0	5299.7	4844.4
-5°	77560.3	49122.8	28314.2	15691.3	10297.0	8299.9	7026.6	6290.9	5731.5	5268.2	4774.0
-7.5°	68697.0	43297.9	25077.2	14446.4	9902.3	8070.3	6909.1	6210.1	5671.0	5216.0	4657.3
-10°	56766.9	35396.9	20660.9	12740.4	9359.7	7753.6	6746.7	6098.1	5587.2	5143.6	4495.1
-12.5°	45196.3	27647.7	16046.5	10613.2	8677.8	7354.4	6541.4	5956.2	5480.8	5051.6	4288.6
-15°	32662.1	20559.6	13284.2	9728.5	8089.7	6984.8	6310.5	5785.9	5352.8	4940.5	4039.3
-17.5°	23335.0	14945.4	10455.0	8719.9	7495.0	6677.1	6096.8	5623.9	5210.4	4730.1	3740.0
-20°	15508.8	11215.7	9246.0	7919.3	6958.9	6338.3	5856.6	5442.3	5052.2	4373.1	3339.6



REPORT NUMBER: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	11215.7	9423.8	8135.5	7140.1	6552.1	6053.6	5626.5	5245.7	4876.9	3976.5	2893.8
-25°	9246.0	8135.5	7244.1	6663.8	6174.2	5752.2	5392.3	5040.2	4423.1	3489.9	2468.2
-27.5°	7919.3	7140.1	6663.8	6214.8	5824.0	5484.3	5151.3	4749.5	3920.3	2921.2	2381.7
-30°	6958.9	6552.1	6174.2	5824.0	5515.2	5207.6	4900.9	4176.7	3297.5	2453.1	2289.0
-32.5°	6338.3	6053.6	5752.2	5484.3	5207.6	4928.3	4306.4	3526.5	2609.5	2347.8	2174.9
-35°	5856.6	5626.5	5392.3	5151.3	4900.9	4306.4	3603.4	2759.2	2383.6	2230.9	2049.8
-37.5°	5442.3	5245.7	5040.2	4749.5	4176.7	3526.5	2759.2	2395.5	2259.1	2091.1	1900.2
-40°	5052.2	4876.9	4423.1	3920.3	3297.5	2609.5	2383.6	2259.1	2105.0	1932.9	1735.7
-42.5°	4373.1	3976.5	3489.9	2921.2	2453.1	2347.8	2230.9	2091.1	1932.9	1751.8	1570.7
-45°	3339.6	2893.8	2468.2	2381.7	2289.0	2174.9	2049.8	1900.2	1735.7	1570.7	1401.8
-47.5°	2429.9	2362.6	2288.5	2196.2	2092.3	1976.1	1835.4	1688.2	1540.4	1389.7	1261.3
-50°	2231.5	2156.5	2074.0	1979.3	1863.3	1739.5	1612.3	1480.3	1353.7	1237.6	1116.0
-52.5°	1995.7	1912.6	1821.0	1721.4	1617.6	1507.8	1393.3	1294.2	1190.4	1079.9	964.5
-55°	1713.0	1639.4	1558.8	1470.9	1381.1	1299.2	1212.2	1119.3	1020.4	917.2	811.9
-57.5°	1440.3	1379.0	1319.4	1254.3	1184.0	1107.3	1025.1	938.3	848.4	754.9	661.0
-60°	1212.2	1163.1	1107.3	1046.4	980.4	909.9	836.1	758.1	676.0	607.7	536.8
-62.5°	986.0	940.3	890.3	836.1	777.5	714.5	653.0	596.8	537.6	475.4	409.1
-65°	760.8	720.6	676.0	637.0	595.2	550.3	502.4	450.9	396.0	338.5	280.2
-67.5°	565.2	536.8	505.4	470.7	432.5	391.3	347.4	300.8	259.1	218.3	175.6
-70°	384.9	359.3	330.9	299.8	270.4	241.7	210.9	178.3	143.9	119.8	100.7
-72.5°	219.9	202.3	182.7	161.3	138.1	122.5	109.0	94.7	79.5	63.6	51.9
-75°	103.3	95.7	87.3	78.1	68.1	57.3	51.5	47.9	44.2	40.2	36.0
-77.5°	46.9	45.1	43.0	40.8	38.4	35.7	32.9	30.5	28.9	27.3	25.5
-80°	28.2	27.5	26.7	25.8	24.8	23.8	22.7	21.5	20.3	19.1	18.1
-82.5°	18.1	17.7	17.3	16.8	16.3	15.7	15.1	14.5	13.8	13.1	12.4
-85°	10.8	10.7	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	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



REPORT NUMBER: P1305403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-3S-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°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	8.2	7.9	7.6	7.2	6.9	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	11.6	11.0	10.5	10.0	9.5	8.9	8.4	7.8	7.2	6.6	5.8
80°	17.1	16.0	14.9	13.7	12.6	11.4	10.6	9.8	9.1	8.3	7.5
77.5°	23.7	21.9	19.9	18.4	16.9	15.4	13.8	12.2	10.9	9.9	8.9
75°	31.6	29.1	26.7	24.3	21.9	19.4	17.5	15.6	13.6	11.7	10.3
72.5°	46.8	41.5	36.0	30.7	27.8	24.8	21.8	18.9	16.7	14.4	12.0
70°	80.8	60.2	49.5	43.0	36.4	30.3	26.8	23.3	19.7	17.0	14.4
67.5°	131.7	108.4	84.3	59.5	48.1	40.4	32.6	27.8	23.8	19.7	16.7
65°	230.8	179.5	129.3	101.8	73.5	51.1	42.5	33.6	27.8	23.3	18.9
62.5°	340.2	272.7	214.4	154.4	112.3	80.5	52.2	42.5	32.6	26.8	21.8
60°	462.8	384.9	304.5	235.5	168.4	115.8	80.5	51.1	40.4	30.3	24.8
57.5°	581.1	498.6	411.9	322.4	242.5	168.4	112.3	73.5	48.1	36.4	27.8
55°	702.9	607.9	516.4	420.9	322.4	235.5	154.4	101.8	59.5	43.0	30.7
52.5°	846.4	725.7	616.9	516.4	411.9	304.5	214.4	129.3	84.3	49.5	36.0
50°	988.3	858.0	725.7	607.9	498.6	384.9	272.7	179.5	108.4	60.2	41.5
47.5°	1128.0	988.3	846.4	702.9	581.1	462.8	340.2	230.8	131.7	80.8	46.8
45°	1261.3	1116.0	964.5	811.9	661.0	536.8	409.1	280.2	175.6	100.7	51.9
42.5°	1389.7	1237.6	1079.9	917.2	754.9	607.7	475.4	338.5	218.3	119.8	63.6
40°	1540.4	1353.7	1190.4	1020.4	848.4	676.0	537.6	396.0	259.1	143.9	79.5
37.5°	1688.2	1480.3	1294.2	1119.3	938.3	758.1	596.8	450.9	300.8	178.3	94.7
35°	1835.4	1612.3	1393.3	1212.2	1025.1	836.1	653.0	502.4	347.4	210.9	109.0
32.5°	1976.1	1739.5	1507.8	1299.2	1107.3	909.9	714.5	550.3	391.3	241.7	122.5
30°	2092.3	1863.3	1617.6	1381.1	1184.0	980.4	777.5	595.2	432.5	270.4	138.1
27.5°	2196.2	1979.3	1721.4	1470.9	1254.3	1046.4	836.1	637.0	470.7	299.8	161.3
25°	2288.5	2074.0	1821.0	1558.8	1319.4	1107.3	890.3	676.0	505.4	330.9	182.7
22.5°	2362.6	2156.5	1912.6	1639.4	1379.0	1163.1	940.3	720.6	536.8	359.3	202.3
20°	2429.9	2231.5	1995.7	1713.0	1440.3	1212.2	986.0	760.8	565.2	384.9	219.9
17.5°	2540.6	2293.2	2059.6	1781.1	1499.9	1256.0	1026.7	796.6	590.4	407.6	235.5
15°	2865.6	2342.0	2113.7	1840.7	1552.0	1294.2	1062.2	827.9	612.4	427.5	249.1
12.5°	3144.0	2383.8	2160.0	1891.6	1596.5	1326.8	1092.4	854.5	631.1	444.3	260.7
10°	3374.3	2418.4	2198.1	1933.6	1633.1	1353.7	1117.3	876.4	646.5	458.2	270.2
7.5°	3554.9	2445.4	2228.0	1966.4	1661.8	1374.7	1136.8	893.4	658.5	469.0	277.6
5°	3684.8	2464.9	2249.5	1990.0	1682.3	1389.7	1150.7	905.7	667.1	476.8	282.9
2.5°	3763.1	2476.6	2262.4	2004.2	1694.7	1398.8	1159.1	913.0	672.3	481.4	286.1
0°	3789.2	2480.5	2266.7	2008.9	1698.8	1401.8	1161.9	915.5	674.0	483.0	287.2
-2.5°	3763.1	2476.6	2262.4	2004.2	1694.7	1398.8	1159.1	913.0	672.3	481.4	286.1
-5°	3684.8	2464.9	2249.5	1990.0	1682.3	1389.7	1150.7	905.7	667.1	476.8	282.9
-7.5°	3554.9	2445.4	2228.0	1966.4	1661.8	1374.7	1136.8	893.4	658.5	469.0	277.6
-10°	3374.3	2418.4	2198.1	1933.6	1633.1	1353.7	1117.3	876.4	646.5	458.2	270.2
-12.5°	3144.0	2383.8	2160.0	1891.6	1596.5	1326.8	1092.4	854.5	631.1	444.3	260.7
-15°	2865.6	2342.0	2113.7	1840.7	1552.0	1294.2	1062.2	827.9	612.4	427.5	249.1
-17.5°	2540.6	2293.2	2059.6	1781.1	1499.9	1256.0	1026.7	796.6	590.4	407.6	235.5
-20°	2429.9	2231.5	1995.7	1713.0	1440.3	1212.2	986.0	760.8	565.2	384.9	219.9



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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°	2362.6	2156.5	1912.6	1639.4	1379.0	1163.1	940.3	720.6	536.8	359.3	202.3
-25°	2288.5	2074.0	1821.0	1558.8	1319.4	1107.3	890.3	676.0	505.4	330.9	182.7
-27.5°	2196.2	1979.3	1721.4	1470.9	1254.3	1046.4	836.1	637.0	470.7	299.8	161.3
-30°	2092.3	1863.3	1617.6	1381.1	1184.0	980.4	777.5	595.2	432.5	270.4	138.1
-32.5°	1976.1	1739.5	1507.8	1299.2	1107.3	909.9	714.5	550.3	391.3	241.7	122.5
-35°	1835.4	1612.3	1393.3	1212.2	1025.1	836.1	653.0	502.4	347.4	210.9	109.0
-37.5°	1688.2	1480.3	1294.2	1119.3	938.3	758.1	596.8	450.9	300.8	178.3	94.7
-40°	1540.4	1353.7	1190.4	1020.4	848.4	676.0	537.6	396.0	259.1	143.9	79.5
-42.5°	1389.7	1237.6	1079.9	917.2	754.9	607.7	475.4	338.5	218.3	119.8	63.6
-45°	1261.3	1116.0	964.5	811.9	661.0	536.8	409.1	280.2	175.6	100.7	51.9
-47.5°	1128.0	988.3	846.4	702.9	581.1	462.8	340.2	230.8	131.7	80.8	46.8
-50°	988.3	858.0	725.7	607.9	498.6	384.9	272.7	179.5	108.4	60.2	41.5
-52.5°	846.4	725.7	616.9	516.4	411.9	304.5	214.4	129.3	84.3	49.5	36.0
-55°	702.9	607.9	516.4	420.9	322.4	235.5	154.4	101.8	59.5	43.0	30.7
-57.5°	581.1	498.6	411.9	322.4	242.5	168.4	112.3	73.5	48.1	36.4	27.8
-60°	462.8	384.9	304.5	235.5	168.4	115.8	80.5	51.1	40.4	30.3	24.8
-62.5°	340.2	272.7	214.4	154.4	112.3	80.5	52.2	42.5	32.6	26.8	21.8
-65°	230.8	179.5	129.3	101.8	73.5	51.1	42.5	33.6	27.8	23.3	18.9
-67.5°	131.7	108.4	84.3	59.5	48.1	40.4	32.6	27.8	23.8	19.7	16.7
-70°	80.8	60.2	49.5	43.0	36.4	30.3	26.8	23.3	19.7	17.0	14.4
-72.5°	46.8	41.5	36.0	30.7	27.8	24.8	21.8	18.9	16.7	14.4	12.0
-75°	31.6	29.1	26.7	24.3	21.9	19.4	17.5	15.6	13.6	11.7	10.3
-77.5°	23.7	21.9	19.9	18.4	16.9	15.4	13.8	12.2	10.9	9.9	8.9
-80°	17.1	16.0	14.9	13.7	12.6	11.4	10.6	9.8	9.1	8.3	7.5
-82.5°	11.6	11.0	10.5	10.0	9.5	8.9	8.4	7.8	7.2	6.6	5.8
-85°	8.2	7.9	7.6	7.2	6.9	6.5	6.0	5.5	5.0	4.4	3.9
-87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
-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):**

	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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
80°	6.6	5.6	4.5	3.4	2.3	1.1	0.0
77.5°	7.9	6.9	5.6	4.2	2.8	1.4	0.0
75°	9.1	7.9	6.6	5.0	3.4	1.7	0.0
72.5°	10.3	8.9	7.5	5.8	3.9	2.0	0.0
70°	11.7	9.9	8.3	6.6	4.4	2.2	0.0
67.5°	13.6	10.9	9.1	7.2	5.0	2.5	0.0
65°	15.6	12.2	9.8	7.8	5.5	2.7	0.0
62.5°	17.5	13.8	10.6	8.4	6.0	3.0	0.0
60°	19.4	15.4	11.4	8.9	6.5	3.2	0.0
57.5°	21.9	16.9	12.6	9.5	6.9	3.5	0.0
55°	24.3	18.4	13.7	10.0	7.2	3.7	0.0
52.5°	26.7	19.9	14.9	10.5	7.6	4.0	0.0
50°	29.1	21.9	16.0	11.0	7.9	4.2	0.0
47.5°	31.6	23.7	17.1	11.6	8.2	4.4	0.0
45°	36.0	25.5	18.1	12.4	8.5	4.6	0.0
42.5°	40.2	27.3	19.1	13.1	8.8	4.8	0.0
40°	44.2	28.9	20.3	13.8	9.1	5.0	0.0
37.5°	47.9	30.5	21.5	14.5	9.4	5.2	0.0
35°	51.5	32.9	22.7	15.1	9.6	5.3	0.0
32.5°	57.3	35.7	23.8	15.7	9.9	5.5	0.0
30°	68.1	38.4	24.8	16.3	10.1	5.6	0.0
27.5°	78.1	40.8	25.8	16.8	10.3	5.8	0.0
25°	87.3	43.0	26.7	17.3	10.5	5.9	0.0
22.5°	95.7	45.1	27.5	17.7	10.7	6.0	0.0
20°	103.3	46.9	28.2	18.1	10.8	6.1	0.0
17.5°	110.0	48.5	28.9	18.5	10.9	6.2	0.0
15°	115.8	49.9	29.4	18.8	11.1	6.3	0.0
12.5°	120.8	51.1	29.9	19.0	11.2	6.3	0.0
10°	124.9	52.1	30.3	19.2	11.3	6.4	0.0
7.5°	128.1	52.9	30.6	19.4	11.3	6.4	0.0
5°	130.4	53.5	30.8	19.5	11.4	6.5	0.0
2.5°	131.7	53.8	31.0	19.6	11.4	6.5	0.0
0°	132.2	53.9	31.0	19.6	11.4	6.5	0.0
-2.5°	131.7	53.8	31.0	19.6	11.4	6.5	0.0
-5°	130.4	53.5	30.8	19.5	11.4	6.5	0.0
-7.5°	128.1	52.9	30.6	19.4	11.3	6.4	0.0
-10°	124.9	52.1	30.3	19.2	11.3	6.4	0.0
-12.5°	120.8	51.1	29.9	19.0	11.2	6.3	0.0
-15°	115.8	49.9	29.4	18.8	11.1	6.3	0.0
-17.5°	110.0	48.5	28.9	18.5	10.9	6.2	0.0
-20°	103.3	46.9	28.2	18.1	10.8	6.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	95.7	45.1	27.5	17.7	10.7	6.0	0.0
-25°	87.3	43.0	26.7	17.3	10.5	5.9	0.0
-27.5°	78.1	40.8	25.8	16.8	10.3	5.8	0.0
-30°	68.1	38.4	24.8	16.3	10.1	5.6	0.0
-32.5°	57.3	35.7	23.8	15.7	9.9	5.5	0.0
-35°	51.5	32.9	22.7	15.1	9.6	5.3	0.0
-37.5°	47.9	30.5	21.5	14.5	9.4	5.2	0.0
-40°	44.2	28.9	20.3	13.8	9.1	5.0	0.0
-42.5°	40.2	27.3	19.1	13.1	8.8	4.8	0.0
-45°	36.0	25.5	18.1	12.4	8.5	4.6	0.0
-47.5°	31.6	23.7	17.1	11.6	8.2	4.4	0.0
-50°	29.1	21.9	16.0	11.0	7.9	4.2	0.0
-52.5°	26.7	19.9	14.9	10.5	7.6	4.0	0.0
-55°	24.3	18.4	13.7	10.0	7.2	3.7	0.0
-57.5°	21.9	16.9	12.6	9.5	6.9	3.5	0.0
-60°	19.4	15.4	11.4	8.9	6.5	3.2	0.0
-62.5°	17.5	13.8	10.6	8.4	6.0	3.0	0.0
-65°	15.6	12.2	9.8	7.8	5.5	2.7	0.0
-67.5°	13.6	10.9	9.1	7.2	5.0	2.5	0.0
-70°	11.7	9.9	8.3	6.6	4.4	2.2	0.0
-72.5°	10.3	8.9	7.5	5.8	3.9	2.0	0.0
-75°	9.1	7.9	6.6	5.0	3.4	1.7	0.0
-77.5°	7.9	6.9	5.6	4.2	2.8	1.4	0.0
-80°	6.6	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)