

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: P1305414 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-2S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305414 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680R-40-70-2S-HEG-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

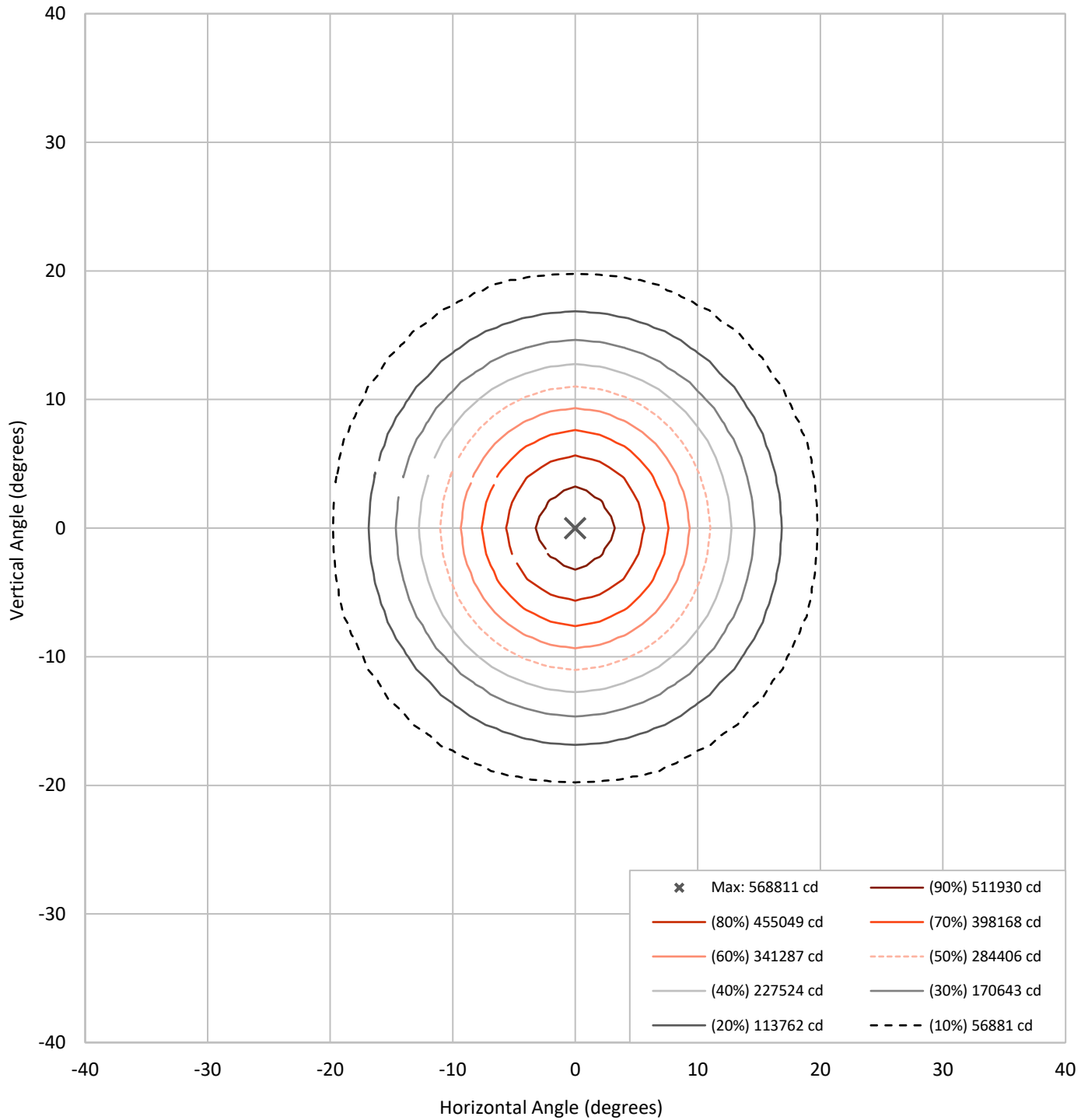
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	102460.8 lumens	Max Intensity:	568811 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	22°H x 22°V	Field Angle (10%):	39.6°H x 39.6°V
Beam Lumens:	45284.3 lumens	Field Lumens:	84103.7 lumens
Beam Efficiency:	44.2%	Field Efficiency:	82.1%

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





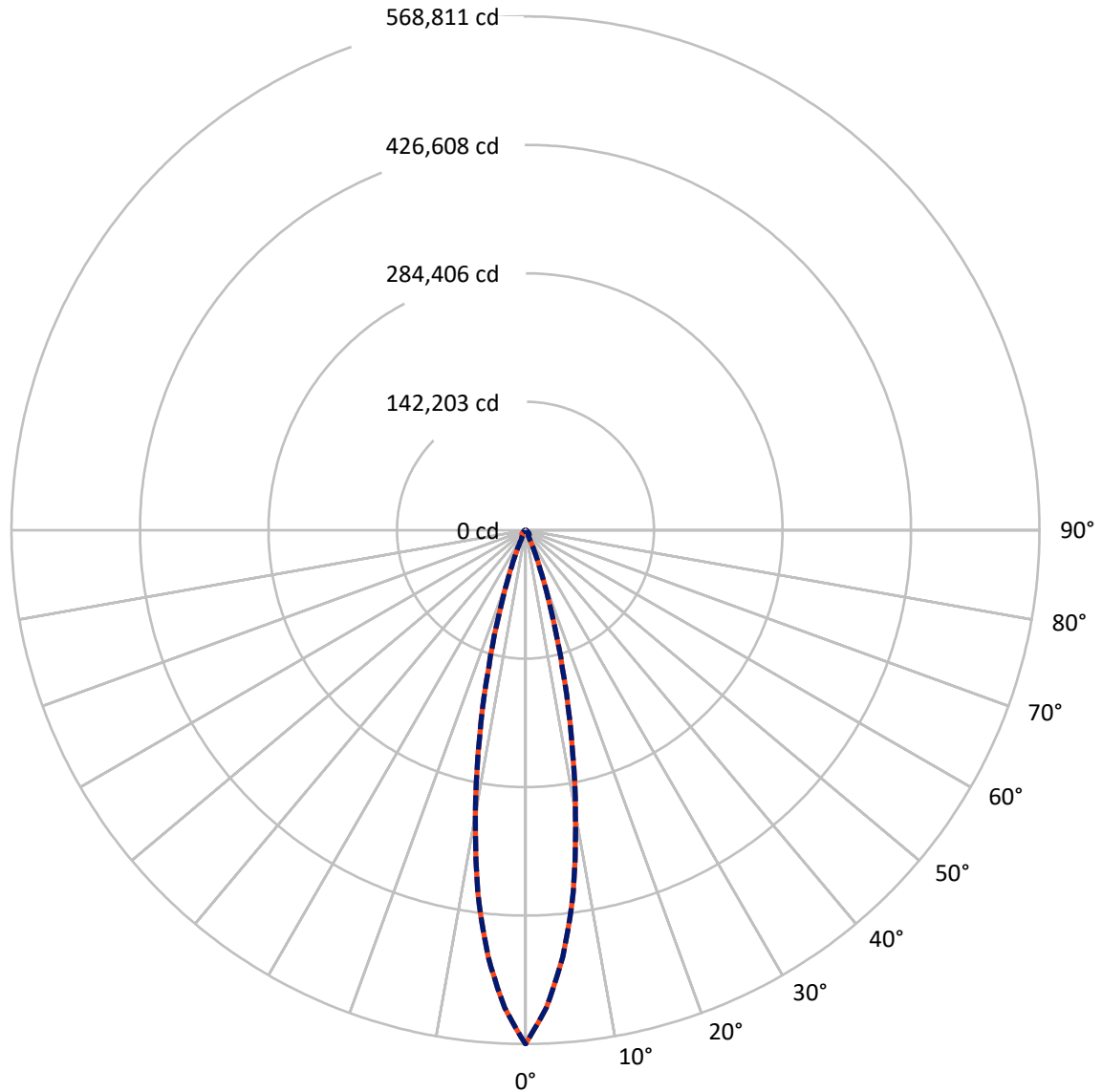
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Lumen Table

90	0.2	1.1	3.6	9.0	11.9	9.0	3.6	1.1	0.2							
80	0.2	1.1	3.6	9.0	11.9	9.0	3.6	1.1	0.2							
70	0.5	0.5	2.1	6.4	12.8	19.7	25.4	28.6	28.6	25.4	19.7	12.8	6.4	2.1	0.5	0.5
60		1.6	7.6	18.2	31.5	43.8	52.2	56.5	56.5	52.2	43.8	31.5	18.2	7.6	1.6	
50	1.2	4.0	14.9	31.6	48.2	78.1	119.5	143.2	143.2	119.5	78.1	48.2	31.6	14.9	4.0	1.2
40		6.8	22.3	41.7	92.1	158.1	185.2	194.8	194.8	185.2	158.1	92.1	41.7	22.3	6.8	
30	2.6	9.5	28.0	61.6	143.1	178.0	243.4	496.7	496.7	243.4	178.0	143.1	61.6	28.0	9.5	2.6
20		11.5	31.2	88.7	157.2	229.1	1449.1	4294.1	4294.1	1449.1	229.1	157.2	88.7	31.2	11.5	
10	3.3	12.5	32.8	102.8	160.2	457.8	4185.0	11769.5	11769.5	4185.0	457.8	160.2	102.8	32.8	12.5	3.3
0		12.5	32.8	102.8	160.2	457.8	4185.0	11769.5	11769.5	4185.0	457.8	160.2	102.8	32.8	12.5	
-10	2.6	11.5	31.2	88.7	157.2	229.1	1449.1	4294.1	4294.1	1449.1	229.1	157.2	88.7	31.2	11.5	2.6
-20		9.5	28.0	61.6	143.1	178.0	243.4	496.7	496.7	243.4	178.0	143.1	61.6	28.0	9.5	
-30	1.2	6.8	22.3	41.7	92.1	158.1	185.2	194.8	194.8	185.2	158.1	92.1	41.7	22.3	6.8	1.2
-40		4.0	14.9	31.6	48.2	78.1	119.5	143.2	143.2	119.5	78.1	48.2	31.6	14.9	4.0	
-50	0.5	1.6	7.6	18.2	31.5	43.8	52.2	56.5	56.5	52.2	43.8	31.5	18.2	7.6	1.6	0.5
-60		0.5	2.1	6.4	12.8	19.7	25.4	28.6	28.6	25.4	19.7	12.8	6.4	2.1	0.5	
-70	0.2	1.1	3.6	9.0	11.9	9.0	3.6	1.1	0.2							
-80		0.2	1.1	3.6	9.0	11.9	9.0	3.6	1.1	0.2						
-90	0.2	1.1	3.6	9.0	11.9	9.0	3.6	1.1	0.2							

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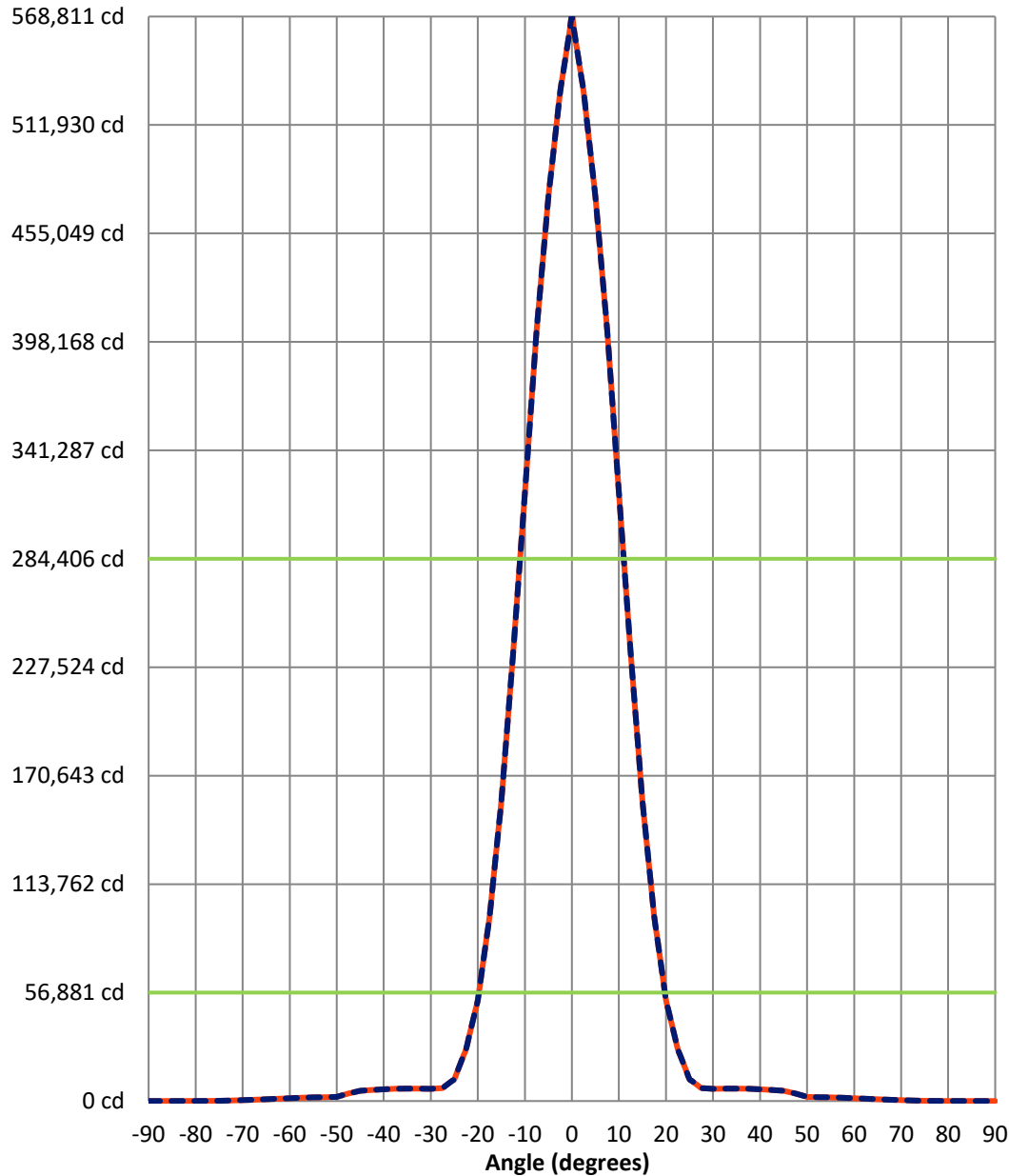
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22°
V Angle: 22°
Lumens: 45284.3
Efficiency: 44.2%

Field:
H Angle: 39.6°
V Angle: 39.6°
Lumens: 84103.7
Efficiency: 82.1%

Spill:
Lumens: 18357.1
Efficiency: 17.9%

— 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	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
85°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.2	8.1	9.0
82.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.5	10.7	11.4	12.0
80°	0.0	1.8	3.7	5.5	7.3	9.1	10.8	11.6	12.5	13.4	14.2
77.5°	0.0	2.3	4.6	6.9	9.1	11.0	12.1	13.2	14.3	15.4	16.6
75°	0.0	2.7	5.5	8.2	10.8	12.1	13.4	14.8	16.1	17.8	19.5
72.5°	0.0	3.2	6.4	9.5	11.6	13.2	14.8	16.4	18.5	20.5	22.4
70°	0.0	3.6	7.2	10.7	12.5	14.3	16.1	18.5	20.8	23.1	27.0
67.5°	0.0	4.1	8.1	11.4	13.4	15.4	17.8	20.5	23.1	27.6	32.0
65°	0.0	4.5	9.0	12.0	14.2	16.6	19.5	22.4	27.0	32.0	37.8
62.5°	0.0	4.9	9.8	12.6	15.0	18.0	21.2	25.4	30.9	36.9	46.0
60°	0.0	5.3	10.6	13.2	15.9	19.3	22.8	28.7	34.6	44.1	54.0
57.5°	0.0	5.7	11.0	13.8	16.9	20.7	25.4	31.9	40.4	51.2	74.7
55°	0.0	6.1	11.4	14.4	17.9	22.0	28.1	35.1	46.5	61.8	101.0
52.5°	0.0	6.5	11.7	15.0	18.9	23.4	30.8	40.0	52.5	84.8	126.5
50°	0.0	6.8	12.1	15.5	19.9	25.5	33.3	45.1	62.4	107.1	177.3
47.5°	0.0	7.2	12.5	16.1	20.8	27.5	36.0	50.0	81.6	128.7	229.4
45°	0.0	7.5	12.8	16.7	21.7	29.5	40.0	54.7	100.0	173.3	279.6
42.5°	0.0	7.8	13.1	17.4	22.6	31.3	43.9	65.6	117.7	216.7	338.1
40°	0.0	8.1	13.4	18.0	23.7	33.1	47.6	80.4	141.1	258.1	395.9
37.5°	0.0	8.4	13.7	18.6	25.1	34.8	51.1	94.4	176.1	300.4	450.9
35°	0.0	8.7	14.0	19.1	26.4	37.2	54.4	107.7	209.2	347.1	504.2
32.5°	0.0	8.9	14.2	19.6	27.6	39.8	59.7	120.2	240.4	391.1	556.1
30°	0.0	9.2	14.5	20.1	28.7	42.2	69.7	135.2	269.7	432.4	604.7
27.5°	0.0	9.4	14.7	20.6	29.7	44.5	79.0	158.8	299.3	470.8	650.0
25°	0.0	9.6	14.9	21.0	30.7	46.5	87.6	180.5	330.5	507.4	692.3
22.5°	0.0	9.8	15.1	21.4	31.6	48.4	95.4	200.4	359.0	541.5	739.6
20°	0.0	10.0	15.3	21.7	32.4	50.1	102.4	218.3	384.7	572.2	782.4
17.5°	0.0	10.1	15.4	22.0	33.1	51.6	108.6	234.1	407.5	599.5	820.4
15°	0.0	10.2	15.5	22.3	33.7	52.9	114.0	248.0	427.4	623.3	853.6
12.5°	0.0	10.3	15.6	22.5	34.2	54.0	118.6	259.8	444.3	643.6	881.9
10°	0.0	10.4	15.7	22.7	34.6	55.0	122.4	269.4	458.2	660.3	905.1
7.5°	0.0	10.5	15.8	22.8	35.0	55.7	125.4	277.0	469.1	673.3	923.3
5°	0.0	10.6	15.9	22.9	35.2	56.2	127.5	282.4	476.9	682.6	936.3
2.5°	0.0	10.6	15.9	23.0	35.4	56.5	128.8	285.6	481.5	688.2	944.1
0°	0.0	10.6	15.9	23.0	35.4	56.5	128.8	285.6	481.5	688.2	944.1
-2.5°	0.0	10.6	15.9	23.0	35.4	56.5	128.8	285.6	481.5	688.2	944.1
-5°	0.0	10.6	15.9	22.9	35.2	56.2	127.5	282.4	476.9	682.6	936.3
-7.5°	0.0	10.5	15.8	22.8	35.0	55.7	125.4	277.0	469.1	673.3	923.3
-10°	0.0	10.4	15.7	22.7	34.6	55.0	122.4	269.4	458.2	660.3	905.1
-12.5°	0.0	10.3	15.6	22.5	34.2	54.0	118.6	259.8	444.3	643.6	881.9
-15°	0.0	10.2	15.5	22.3	33.7	52.9	114.0	248.0	427.4	623.3	853.6
-17.5°	0.0	10.1	15.4	22.0	33.1	51.6	108.6	234.1	407.5	599.5	820.4
-20°	0.0	10.0	15.3	21.7	32.4	50.1	102.4	218.3	384.7	572.2	782.4



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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	9.8	15.1	21.4	31.6	48.4	95.4	200.4	359.0	541.5	739.6
-25°	0.0	9.6	14.9	21.0	30.7	46.5	87.6	180.5	330.5	507.4	692.3
-27.5°	0.0	9.4	14.7	20.6	29.7	44.5	79.0	158.8	299.3	470.8	650.0
-30°	0.0	9.2	14.5	20.1	28.7	42.2	69.7	135.2	269.7	432.4	604.7
-32.5°	0.0	8.9	14.2	19.6	27.6	39.8	59.7	120.2	240.4	391.1	556.1
-35°	0.0	8.7	14.0	19.1	26.4	37.2	54.4	107.7	209.2	347.1	504.2
-37.5°	0.0	8.4	13.7	18.6	25.1	34.8	51.1	94.4	176.1	300.4	450.9
-40°	0.0	8.1	13.4	18.0	23.7	33.1	47.6	80.4	141.1	258.1	395.9
-42.5°	0.0	7.8	13.1	17.4	22.6	31.3	43.9	65.6	117.7	216.7	338.1
-45°	0.0	7.5	12.8	16.7	21.7	29.5	40.0	54.7	100.0	173.3	279.6
-47.5°	0.0	7.2	12.5	16.1	20.8	27.5	36.0	50.0	81.6	128.7	229.4
-50°	0.0	6.8	12.1	15.5	19.9	25.5	33.3	45.1	62.4	107.1	177.3
-52.5°	0.0	6.5	11.7	15.0	18.9	23.4	30.8	40.0	52.5	84.8	126.5
-55°	0.0	6.1	11.4	14.4	17.9	22.0	28.1	35.1	46.5	61.8	101.0
-57.5°	0.0	5.7	11.0	13.8	16.9	20.7	25.4	31.9	40.4	51.2	74.7
-60°	0.0	5.3	10.6	13.2	15.9	19.3	22.8	28.7	34.6	44.1	54.0
-62.5°	0.0	4.9	9.8	12.6	15.0	18.0	21.2	25.4	30.9	36.9	46.0
-65°	0.0	4.5	9.0	12.0	14.2	16.6	19.5	22.4	27.0	32.0	37.8
-67.5°	0.0	4.1	8.1	11.4	13.4	15.4	17.8	20.5	23.1	27.6	32.0
-70°	0.0	3.6	7.2	10.7	12.5	14.3	16.1	18.5	20.8	23.1	27.0
-72.5°	0.0	3.2	6.4	9.5	11.6	13.2	14.8	16.4	18.5	20.5	22.4
-75°	0.0	2.7	5.5	8.2	10.8	12.1	13.4	14.8	16.1	17.8	19.5
-77.5°	0.0	2.3	4.6	6.9	9.1	11.0	12.1	13.2	14.3	15.4	16.6
-80°	0.0	1.8	3.7	5.5	7.3	9.1	10.8	11.6	12.5	13.4	14.2
-82.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.5	10.7	11.4	12.0
-85°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.2	8.1	9.0
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
-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°	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4
85°	9.8	10.6	11.0	11.4	11.7	12.1	12.5	12.8	13.1	13.4	13.7
82.5°	12.6	13.2	13.8	14.4	15.0	15.5	16.1	16.7	17.4	18.0	18.6
80°	15.0	15.9	16.9	17.9	18.9	19.9	20.8	21.7	22.6	23.7	25.1
77.5°	18.0	19.3	20.7	22.0	23.4	25.5	27.5	29.5	31.3	33.1	34.8
75°	21.2	22.8	25.4	28.1	30.8	33.3	36.0	40.0	43.9	47.6	51.1
72.5°	25.4	28.7	31.9	35.1	40.0	45.1	50.0	54.7	65.6	80.4	94.4
70°	30.9	34.6	40.4	46.5	52.5	62.4	81.6	100.0	117.7	141.1	176.1
67.5°	36.9	44.1	51.2	61.8	84.8	107.1	128.7	173.3	216.7	258.1	300.4
65°	46.0	54.0	74.7	101.0	126.5	177.3	229.4	279.6	338.1	395.9	450.9
62.5°	55.0	81.2	110.8	151.7	212.7	272.0	339.9	409.0	475.5	542.3	606.4
60°	81.2	114.0	166.0	234.1	304.1	384.7	462.9	541.5	618.2	692.3	779.5
57.5°	110.8	166.0	241.3	322.0	411.8	500.0	589.4	676.0	776.0	875.4	971.4
55°	151.7	234.1	322.0	420.8	519.3	618.5	720.8	836.6	948.5	1060.5	1167.7
52.5°	212.7	304.1	411.8	519.3	628.2	745.1	873.3	999.8	1125.0	1244.4	1355.4
50°	272.0	384.7	500.0	618.5	745.1	885.6	1025.6	1164.1	1294.8	1419.0	1543.4
47.5°	339.9	462.9	589.4	720.8	873.3	1025.6	1177.2	1320.2	1457.5	1599.3	1736.6
45°	409.0	541.5	676.0	836.6	999.8	1164.1	1320.2	1470.4	1627.4	1769.5	1871.7
42.5°	475.5	618.2	776.0	948.5	1125.0	1294.8	1457.5	1627.4	1779.5	1892.1	1957.4
40°	542.3	692.3	875.4	1060.5	1244.4	1419.0	1599.3	1769.5	1892.1	1960.4	1994.3
37.5°	606.4	779.5	971.4	1167.7	1355.4	1543.4	1736.6	1871.7	1957.4	1994.3	2122.9
35°	667.3	862.4	1065.6	1267.7	1461.4	1666.1	1831.4	1948.3	1988.1	2111.1	2580.3
32.5°	733.1	940.7	1154.7	1360.7	1568.9	1771.8	1918.9	1975.8	2075.9	2379.5	3609.5
30°	800.0	1017.1	1237.6	1448.2	1671.0	1848.7	1957.6	2018.0	2179.6	3302.3	4474.2
27.5°	862.4	1088.6	1312.7	1534.7	1760.5	1920.9	1980.5	2109.2	2797.6	4135.1	5231.5
25°	919.9	1154.7	1382.3	1616.3	1822.5	1953.6	2017.5	2194.4	3560.4	4800.0	5553.4
22.5°	973.6	1215.2	1446.0	1691.3	1879.4	1971.8	2090.4	2760.8	4209.4	5396.6	5750.8
20°	1023.2	1267.7	1506.2	1755.3	1931.1	1988.3	2156.7	3358.8	4733.8	5565.0	5912.7
17.5°	1067.3	1314.5	1561.6	1797.7	1950.5	2022.1	2287.1	3895.8	5205.8	5716.9	6050.1
15°	1105.8	1355.4	1610.1	1834.7	1962.4	2070.2	2723.0	4292.4	5457.7	5844.9	6171.3
12.5°	1138.6	1390.3	1651.4	1866.4	1972.5	2111.3	3096.5	4622.1	5564.3	5941.8	6257.1
10°	1165.6	1419.0	1685.4	1892.5	1980.9	2145.3	3405.3	4895.1	5652.8	6022.4	6328.6
7.5°	1186.7	1441.4	1712.1	1912.9	1987.5	2172.0	3647.6	5109.5	5722.3	6085.8	6385.0
5°	1201.8	1457.5	1731.2	1927.5	1992.2	2191.1	3821.7	5263.9	5772.4	6131.5	6425.7
2.5°	1210.9	1467.2	1742.7	1936.4	1995.1	2202.6	3926.7	5356.9	5802.6	6159.2	6450.4
0°	1213.9	1470.4	1746.5	1939.3	1996.0	2206.5	3961.8	5388.0	5812.7	6168.4	6458.6
-2.5°	1210.9	1467.2	1742.7	1936.4	1995.1	2202.6	3926.7	5356.9	5802.6	6159.2	6450.4
-5°	1201.8	1457.5	1731.2	1927.5	1992.2	2191.1	3821.7	5263.9	5772.4	6131.5	6425.7
-7.5°	1186.7	1441.4	1712.1	1912.9	1987.5	2172.0	3647.6	5109.5	5722.3	6085.8	6385.0
-10°	1165.6	1419.0	1685.4	1892.5	1980.9	2145.3	3405.3	4895.1	5652.8	6022.4	6328.6
-12.5°	1138.6	1390.3	1651.4	1866.4	1972.5	2111.3	3096.5	4622.1	5564.3	5941.8	6257.1
-15°	1105.8	1355.4	1610.1	1834.7	1962.4	2070.2	2723.0	4292.4	5457.7	5844.9	6171.3
-17.5°	1067.3	1314.5	1561.6	1797.7	1950.5	2022.1	2287.1	3895.8	5205.8	5716.9	6050.1
-20°	1023.2	1267.7	1506.2	1755.3	1931.1	1988.3	2156.7	3358.8	4733.8	5565.0	5912.7



REPORT NUMBER: P1305414 (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°	973.6	1215.2	1446.0	1691.3	1879.4	1971.8	2090.4	2760.8	4209.4	5396.6	5750.8
-25°	919.9	1154.7	1382.3	1616.3	1822.5	1953.6	2017.5	2194.4	3560.4	4800.0	5553.4
-27.5°	862.4	1088.6	1312.7	1534.7	1760.5	1920.9	1980.5	2109.2	2797.6	4135.1	5231.5
-30°	800.0	1017.1	1237.6	1448.2	1671.0	1848.7	1957.6	2018.0	2179.6	3302.3	4474.2
-32.5°	733.1	940.7	1154.7	1360.7	1568.9	1771.8	1918.9	1975.8	2075.9	2379.5	3609.5
-35°	667.3	862.4	1065.6	1267.7	1461.4	1666.1	1831.4	1948.3	1988.1	2111.1	2580.3
-37.5°	606.4	779.5	971.4	1167.7	1355.4	1543.4	1736.6	1871.7	1957.4	1994.3	2122.9
-40°	542.3	692.3	875.4	1060.5	1244.4	1419.0	1599.3	1769.5	1892.1	1960.4	1994.3
-42.5°	475.5	618.2	776.0	948.5	1125.0	1294.8	1457.5	1627.4	1779.5	1892.1	1957.4
-45°	409.0	541.5	676.0	836.6	999.8	1164.1	1320.2	1470.4	1627.4	1769.5	1871.7
-47.5°	339.9	462.9	589.4	720.8	873.3	1025.6	1177.2	1320.2	1457.5	1599.3	1736.6
-50°	272.0	384.7	500.0	618.5	745.1	885.6	1025.6	1164.1	1294.8	1419.0	1543.4
-52.5°	212.7	304.1	411.8	519.3	628.2	745.1	873.3	999.8	1125.0	1244.4	1355.4
-55°	151.7	234.1	322.0	420.8	519.3	618.5	720.8	836.6	948.5	1060.5	1167.7
-57.5°	110.8	166.0	241.3	322.0	411.8	500.0	589.4	676.0	776.0	875.4	971.4
-60°	81.2	114.0	166.0	234.1	304.1	384.7	462.9	541.5	618.2	692.3	779.5
-62.5°	55.0	81.2	110.8	151.7	212.7	272.0	339.9	409.0	475.5	542.3	606.4
-65°	46.0	54.0	74.7	101.0	126.5	177.3	229.4	279.6	338.1	395.9	450.9
-67.5°	36.9	44.1	51.2	61.8	84.8	107.1	128.7	173.3	216.7	258.1	300.4
-70°	30.9	34.6	40.4	46.5	52.5	62.4	81.6	100.0	117.7	141.1	176.1
-72.5°	25.4	28.7	31.9	35.1	40.0	45.1	50.0	54.7	65.6	80.4	94.4
-75°	21.2	22.8	25.4	28.1	30.8	33.3	36.0	40.0	43.9	47.6	51.1
-77.5°	18.0	19.3	20.7	22.0	23.4	25.5	27.5	29.5	31.3	33.1	34.8
-80°	15.0	15.9	16.9	17.9	18.9	19.9	20.8	21.7	22.6	23.7	25.1
-82.5°	12.6	13.2	13.8	14.4	15.0	15.5	16.1	16.7	17.4	18.0	18.6
-85°	9.8	10.6	11.0	11.4	11.7	12.1	12.5	12.8	13.1	13.4	13.7
-87.5°	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.1	10.2	10.3	10.4
85°	14.0	14.2	14.5	14.7	14.9	15.1	15.3	15.4	15.5	15.6	15.7
82.5°	19.1	19.6	20.1	20.6	21.0	21.4	21.7	22.0	22.3	22.5	22.7
80°	26.4	27.6	28.7	29.7	30.7	31.6	32.4	33.1	33.7	34.2	34.6
77.5°	37.2	39.8	42.2	44.5	46.5	48.4	50.1	51.6	52.9	54.0	55.0
75°	54.4	59.7	69.7	79.0	87.6	95.4	102.4	108.6	114.0	118.6	122.4
72.5°	107.7	120.2	135.2	158.8	180.5	200.4	218.3	234.1	248.0	259.8	269.4
70°	209.2	240.4	269.7	299.3	330.5	359.0	384.7	407.5	427.4	444.3	458.2
67.5°	347.1	391.1	432.4	470.8	507.4	541.5	572.2	599.5	623.3	643.6	660.3
65°	504.2	556.1	604.7	650.0	692.3	739.6	782.4	820.4	853.6	881.9	905.1
62.5°	667.3	733.1	800.0	862.4	919.9	973.6	1023.2	1067.3	1105.8	1138.6	1165.6
60°	862.4	940.7	1017.1	1088.6	1154.7	1215.2	1267.7	1314.5	1355.4	1390.3	1419.0
57.5°	1065.6	1154.7	1237.6	1312.7	1382.3	1446.0	1506.2	1561.6	1610.1	1651.4	1685.4
55°	1267.7	1360.7	1448.2	1534.7	1616.3	1691.3	1755.3	1797.7	1834.7	1866.4	1892.5
52.5°	1461.4	1568.9	1671.0	1760.5	1822.5	1879.4	1931.1	1950.5	1962.4	1972.5	1980.9
50°	1666.1	1771.8	1848.7	1920.9	1953.6	1971.8	1988.3	2022.1	2070.2	2111.3	2145.3
47.5°	1831.4	1918.9	1957.6	1980.5	2017.5	2090.4	2156.7	2287.1	2723.0	3096.5	3405.3
45°	1948.3	1975.8	2018.0	2109.2	2194.4	2760.8	3358.8	3895.8	4292.4	4622.1	4895.1
42.5°	1988.1	2075.9	2179.6	2797.6	3560.4	4209.4	4733.8	5205.8	5457.7	5564.3	5652.8
40°	2111.1	2379.5	3302.3	4135.1	4800.0	5396.6	5565.0	5716.9	5844.9	5941.8	6022.4
37.5°	2580.3	3609.5	4474.2	5231.5	5553.4	5750.8	5912.7	6050.1	6171.3	6257.1	6328.6
35°	3712.6	4645.6	5419.7	5660.1	5874.8	6052.1	6206.9	6327.9	6435.6	6472.7	6488.4
32.5°	4645.6	5446.0	5714.1	5944.4	6147.2	6306.1	6449.6	6483.1	6506.6	6515.8	6513.7
30°	5419.7	5714.1	5967.8	6190.5	6366.9	6473.5	6504.6	6515.1	6512.0	6500.5	6467.1
27.5°	5660.1	5944.4	6190.5	6387.4	6482.1	6516.9	6512.8	6498.4	6449.0	6405.7	6550.5
25°	5874.8	6147.2	6366.9	6482.1	6516.4	6511.7	6472.7	6413.4	6587.7	6776.4	8115.2
22.5°	6052.1	6306.1	6473.5	6516.9	6511.7	6464.0	6446.4	6701.2	8082.1	10400.0	14543.2
20°	6206.9	6449.6	6504.6	6512.8	6472.7	6446.4	6739.7	8989.7	12657.7	21299.5	29680.3
17.5°	6327.9	6483.1	6515.1	6498.4	6413.4	6701.2	8989.7	14309.5	24802.2	38705.3	52221.0
15°	6435.6	6506.6	6512.0	6449.0	6587.7	8082.1	12657.7	24802.2	41800.9	62950.5	88697.7
12.5°	6472.7	6515.8	6500.5	6405.7	6776.4	10400.0	21299.5	38705.3	62950.5	94951.2	134137.3
10°	6488.4	6513.7	6467.1	6550.5	8115.2	14543.2	29680.3	52221.0	88697.7	134137.3	183192.1
7.5°	6500.8	6512.1	6440.5	6667.1	9559.4	19990.6	39585.1	70663.4	115409.5	170439.2	235552.2
5°	6509.8	6510.9	6421.2	6752.1	10617.9	24006.6	46943.8	84932.3	138122.2	203847.2	279781.5
2.5°	6515.2	6510.1	6409.4	6803.9	11264.5	26470.4	51484.6	93809.3	152422.8	226668.8	308620.5
0°	6517.0	6509.9	6405.5	6821.3	11482.1	27301.2	53020.5	96825.5	157314.9	234787.8	318733.3
-2.5°	6515.2	6510.1	6409.4	6803.9	11264.5	26470.4	51484.6	93809.3	152422.8	226668.8	308620.5
-5°	6509.8	6510.9	6421.2	6752.1	10617.9	24006.6	46943.8	84932.3	138122.2	203847.2	279781.5
-7.5°	6500.8	6512.1	6440.5	6667.1	9559.4	19990.6	39585.1	70663.4	115409.5	170439.2	235552.2
-10°	6488.4	6513.7	6467.1	6550.5	8115.2	14543.2	29680.3	52221.0	88697.7	134137.3	183192.1
-12.5°	6472.7	6515.8	6500.5	6405.7	6776.4	10400.0	21299.5	38705.3	62950.5	94951.2	134137.3
-15°	6435.6	6506.6	6512.0	6449.0	6587.7	8082.1	12657.7	24802.2	41800.9	62950.5	88697.7
-17.5°	6327.9	6483.1	6515.1	6498.4	6413.4	6701.2	8989.7	14309.5	24802.2	38705.3	52221.0
-20°	6206.9	6449.6	6504.6	6512.8	6472.7	6446.4	6739.7	8989.7	12657.7	21299.5	29680.3



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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°	6052.1	6306.1	6473.5	6516.9	6511.7	6464.0	6446.4	6701.2	8082.1	10400.0	14543.2
-25°	5874.8	6147.2	6366.9	6482.1	6516.4	6511.7	6472.7	6413.4	6587.7	6776.4	8115.2
-27.5°	5660.1	5944.4	6190.5	6387.4	6482.1	6516.9	6512.8	6498.4	6449.0	6405.7	6550.5
-30°	5419.7	5714.1	5967.8	6190.5	6366.9	6473.5	6504.6	6515.1	6512.0	6500.5	6467.1
-32.5°	4645.6	5446.0	5714.1	5944.4	6147.2	6306.1	6449.6	6483.1	6506.6	6515.8	6513.7
-35°	3712.6	4645.6	5419.7	5660.1	5874.8	6052.1	6206.9	6327.9	6435.6	6472.7	6488.4
-37.5°	2580.3	3609.5	4474.2	5231.5	5553.4	5750.8	5912.7	6050.1	6171.3	6257.1	6328.6
-40°	2111.1	2379.5	3302.3	4135.1	4800.0	5396.6	5565.0	5716.9	5844.9	5941.8	6022.4
-42.5°	1988.1	2075.9	2179.6	2797.6	3560.4	4209.4	4733.8	5205.8	5457.7	5564.3	5652.8
-45°	1948.3	1975.8	2018.0	2109.2	2194.4	2760.8	3358.8	3895.8	4292.4	4622.1	4895.1
-47.5°	1831.4	1918.9	1957.6	1980.5	2017.5	2090.4	2156.7	2287.1	2723.0	3096.5	3405.3
-50°	1666.1	1771.8	1848.7	1920.9	1953.6	1971.8	1988.3	2022.1	2070.2	2111.3	2145.3
-52.5°	1461.4	1568.9	1671.0	1760.5	1822.5	1879.4	1931.1	1950.5	1962.4	1972.5	1980.9
-55°	1267.7	1360.7	1448.2	1534.7	1616.3	1691.3	1755.3	1797.7	1834.7	1866.4	1892.5
-57.5°	1065.6	1154.7	1237.6	1312.7	1382.3	1446.0	1506.2	1561.6	1610.1	1651.4	1685.4
-60°	862.4	940.7	1017.1	1088.6	1154.7	1215.2	1267.7	1314.5	1355.4	1390.3	1419.0
-62.5°	667.3	733.1	800.0	862.4	919.9	973.6	1023.2	1067.3	1105.8	1138.6	1165.6
-65°	504.2	556.1	604.7	650.0	692.3	739.6	782.4	820.4	853.6	881.9	905.1
-67.5°	347.1	391.1	432.4	470.8	507.4	541.5	572.2	599.5	623.3	643.6	660.3
-70°	209.2	240.4	269.7	299.3	330.5	359.0	384.7	407.5	427.4	444.3	458.2
-72.5°	107.7	120.2	135.2	158.8	180.5	200.4	218.3	234.1	248.0	259.8	269.4
-75°	54.4	59.7	69.7	79.0	87.6	95.4	102.4	108.6	114.0	118.6	122.4
-77.5°	37.2	39.8	42.2	44.5	46.5	48.4	50.1	51.6	52.9	54.0	55.0
-80°	26.4	27.6	28.7	29.7	30.7	31.6	32.4	33.1	33.7	34.2	34.6
-82.5°	19.1	19.6	20.1	20.6	21.0	21.4	21.7	22.0	22.3	22.5	22.7
-85°	14.0	14.2	14.5	14.7	14.9	15.1	15.3	15.4	15.5	15.6	15.7
-87.5°	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.1	10.2	10.3	10.4
-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: P1305414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-70-2S-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°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.1
85°	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.7	15.6	15.5	15.4
82.5°	22.8	22.9	23.0	23.0	23.0	22.9	22.8	22.7	22.5	22.3	22.0
80°	35.0	35.2	35.4	35.4	35.4	35.2	35.0	34.6	34.2	33.7	33.1
77.5°	55.7	56.2	56.5	56.6	56.5	56.2	55.7	55.0	54.0	52.9	51.6
75°	125.4	127.5	128.8	129.2	128.8	127.5	125.4	122.4	118.6	114.0	108.6
72.5°	277.0	282.4	285.6	286.7	285.6	282.4	277.0	269.4	259.8	248.0	234.1
70°	469.1	476.9	481.5	483.1	481.5	476.9	469.1	458.2	444.3	427.4	407.5
67.5°	673.3	682.6	688.2	690.1	688.2	682.6	673.3	660.3	643.6	623.3	599.5
65°	923.3	936.3	944.1	946.7	944.1	936.3	923.3	905.1	881.9	853.6	820.4
62.5°	1186.7	1201.8	1210.9	1213.9	1210.9	1201.8	1186.7	1165.6	1138.6	1105.8	1067.3
60°	1441.4	1457.5	1467.2	1470.4	1467.2	1457.5	1441.4	1419.0	1390.3	1355.4	1314.5
57.5°	1712.1	1731.2	1742.7	1746.5	1742.7	1731.2	1712.1	1685.4	1651.4	1610.1	1561.6
55°	1912.9	1927.5	1936.4	1939.3	1936.4	1927.5	1912.9	1892.5	1866.4	1834.7	1797.7
52.5°	1987.5	1992.2	1995.1	1996.0	1995.1	1992.2	1987.5	1980.9	1972.5	1962.4	1950.5
50°	2172.0	2191.1	2202.6	2206.5	2202.6	2191.1	2172.0	2145.3	2111.3	2070.2	2022.1
47.5°	3647.6	3821.7	3926.7	3961.8	3926.7	3821.7	3647.6	3405.3	3096.5	2723.0	2287.1
45°	5109.5	5263.9	5356.9	5388.0	5356.9	5263.9	5109.5	4895.1	4622.1	4292.4	3895.8
42.5°	5722.3	5772.4	5802.6	5812.7	5802.6	5772.4	5722.3	5652.8	5564.3	5457.7	5205.8
40°	6085.8	6131.5	6159.2	6168.4	6159.2	6131.5	6085.8	6022.4	5941.8	5844.9	5716.9
37.5°	6385.0	6425.7	6450.4	6458.6	6450.4	6425.7	6385.0	6328.6	6257.1	6171.3	6050.1
35°	6500.8	6509.8	6515.2	6517.0	6515.2	6509.8	6500.8	6488.4	6472.7	6435.6	6327.9
32.5°	6512.1	6510.9	6510.1	6509.9	6510.1	6510.9	6512.1	6513.7	6515.8	6506.6	6483.1
30°	6440.5	6421.2	6409.4	6405.5	6409.4	6421.2	6440.5	6467.1	6500.5	6512.0	6515.1
27.5°	6667.1	6752.1	6803.9	6821.3	6803.9	6752.1	6667.1	6550.5	6405.7	6449.0	6498.4
25°	9559.4	10617.9	11264.5	11482.1	11264.5	10617.9	9559.4	8115.2	6776.4	6587.7	6413.4
22.5°	19990.6	24006.6	26470.4	27301.2	26470.4	24006.6	19990.6	14543.2	10400.0	8082.1	6701.2
20°	39585.1	46943.8	51484.6	53020.5	51484.6	46943.8	39585.1	29680.3	21299.5	12657.7	8989.7
17.5°	70663.4	84932.3	93809.3	96825.5	93809.3	84932.3	70663.4	52221.0	38705.3	24802.2	14309.5
15°	115409.5	138122.2	152422.8	157314.9	152422.8	138122.2	115409.5	88697.7	62950.5	41800.9	24802.2
12.5°	170439.2	203847.2	226668.8	234787.8	226668.8	203847.2	170439.2	134137.3	94951.2	62950.5	38705.3
10°	235552.2	279781.5	308620.5	318733.3	308620.5	279781.5	235552.2	183192.1	134137.3	88697.7	52221.0
7.5°	299103.3	351613.5	390346.0	404364.2	390346.0	351613.5	299103.3	235552.2	170439.2	115409.5	70663.4
5°	351613.5	419424.5	461002.9	474146.0	461002.9	419424.5	351613.5	279781.5	203847.2	138122.2	84932.3
2.5°	390346.0	461002.9	505948.5	529253.6	505948.5	461002.9	390346.0	308620.5	226668.8	152422.8	93809.3
0°	404364.2	474146.0	529253.6	568811.0	529253.6	474146.0	404364.2	318733.3	234787.8	157314.9	96825.5
-2.5°	390346.0	461002.9	505948.5	529253.6	505948.5	461002.9	390346.0	308620.5	226668.8	152422.8	93809.3
-5°	351613.5	419424.5	461002.9	474146.0	461002.9	419424.5	351613.5	279781.5	203847.2	138122.2	84932.3
-7.5°	299103.3	351613.5	390346.0	404364.2	390346.0	351613.5	299103.3	235552.2	170439.2	115409.5	70663.4
-10°	235552.2	279781.5	308620.5	318733.3	308620.5	279781.5	235552.2	183192.1	134137.3	88697.7	52221.0
-12.5°	170439.2	203847.2	226668.8	234787.8	226668.8	203847.2	170439.2	134137.3	94951.2	62950.5	38705.3
-15°	115409.5	138122.2	152422.8	157314.9	152422.8	138122.2	115409.5	88697.7	62950.5	41800.9	24802.2
-17.5°	70663.4	84932.3	93809.3	96825.5	93809.3	84932.3	70663.4	52221.0	38705.3	24802.2	14309.5
-20°	39585.1	46943.8	51484.6	53020.5	51484.6	46943.8	39585.1	29680.3	21299.5	12657.7	8989.7



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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°	19990.6	24006.6	26470.4	27301.2	26470.4	24006.6	19990.6	14543.2	10400.0	8082.1	6701.2
-25°	9559.4	10617.9	11264.5	11482.1	11264.5	10617.9	9559.4	8115.2	6776.4	6587.7	6413.4
-27.5°	6667.1	6752.1	6803.9	6821.3	6803.9	6752.1	6667.1	6550.5	6405.7	6449.0	6498.4
-30°	6440.5	6421.2	6409.4	6405.5	6409.4	6421.2	6440.5	6467.1	6500.5	6512.0	6515.1
-32.5°	6512.1	6510.9	6510.1	6509.9	6510.1	6510.9	6512.1	6513.7	6515.8	6506.6	6483.1
-35°	6500.8	6509.8	6515.2	6517.0	6515.2	6509.8	6500.8	6488.4	6472.7	6435.6	6327.9
-37.5°	6385.0	6425.7	6450.4	6458.6	6450.4	6425.7	6385.0	6328.6	6257.1	6171.3	6050.1
-40°	6085.8	6131.5	6159.2	6168.4	6159.2	6131.5	6085.8	6022.4	5941.8	5844.9	5716.9
-42.5°	5722.3	5772.4	5802.6	5812.7	5802.6	5772.4	5722.3	5652.8	5564.3	5457.7	5205.8
-45°	5109.5	5263.9	5356.9	5388.0	5356.9	5263.9	5109.5	4895.1	4622.1	4292.4	3895.8
-47.5°	3647.6	3821.7	3926.7	3961.8	3926.7	3821.7	3647.6	3405.3	3096.5	2723.0	2287.1
-50°	2172.0	2191.1	2202.6	2206.5	2202.6	2191.1	2172.0	2145.3	2111.3	2070.2	2022.1
-52.5°	1987.5	1992.2	1995.1	1996.0	1995.1	1992.2	1987.5	1980.9	1972.5	1962.4	1950.5
-55°	1912.9	1927.5	1936.4	1939.3	1936.4	1927.5	1912.9	1892.5	1866.4	1834.7	1797.7
-57.5°	1712.1	1731.2	1742.7	1746.5	1742.7	1731.2	1712.1	1685.4	1651.4	1610.1	1561.6
-60°	1441.4	1457.5	1467.2	1470.4	1467.2	1457.5	1441.4	1419.0	1390.3	1355.4	1314.5
-62.5°	1186.7	1201.8	1210.9	1213.9	1210.9	1201.8	1186.7	1165.6	1138.6	1105.8	1067.3
-65°	923.3	936.3	944.1	946.7	944.1	936.3	923.3	905.1	881.9	853.6	820.4
-67.5°	673.3	682.6	688.2	690.1	688.2	682.6	673.3	660.3	643.6	623.3	599.5
-70°	469.1	476.9	481.5	483.1	481.5	476.9	469.1	458.2	444.3	427.4	407.5
-72.5°	277.0	282.4	285.6	286.7	285.6	282.4	277.0	269.4	259.8	248.0	234.1
-75°	125.4	127.5	128.8	129.2	128.8	127.5	125.4	122.4	118.6	114.0	108.6
-77.5°	55.7	56.2	56.5	56.6	56.5	56.2	55.7	55.0	54.0	52.9	51.6
-80°	35.0	35.2	35.4	35.4	35.4	35.2	35.0	34.6	34.2	33.7	33.1
-82.5°	22.8	22.9	23.0	23.0	23.0	22.9	22.8	22.7	22.5	22.3	22.0
-85°	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.7	15.6	15.5	15.4
-87.5°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5
85°	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.7	13.4	13.1	12.8
82.5°	21.7	21.4	21.0	20.6	20.1	19.6	19.1	18.6	18.0	17.4	16.7
80°	32.4	31.6	30.7	29.7	28.7	27.6	26.4	25.1	23.7	22.6	21.7
77.5°	50.1	48.4	46.5	44.5	42.2	39.8	37.2	34.8	33.1	31.3	29.5
75°	102.4	95.4	87.6	79.0	69.7	59.7	54.4	51.1	47.6	43.9	40.0
72.5°	218.3	200.4	180.5	158.8	135.2	120.2	107.7	94.4	80.4	65.6	54.7
70°	384.7	359.0	330.5	299.3	269.7	240.4	209.2	176.1	141.1	117.7	100.0
67.5°	572.2	541.5	507.4	470.8	432.4	391.1	347.1	300.4	258.1	216.7	173.3
65°	782.4	739.6	692.3	650.0	604.7	556.1	504.2	450.9	395.9	338.1	279.6
62.5°	1023.2	973.6	919.9	862.4	800.0	733.1	667.3	606.4	542.3	475.5	409.0
60°	1267.7	1215.2	1154.7	1088.6	1017.1	940.7	862.4	779.5	692.3	618.2	541.5
57.5°	1506.2	1446.0	1382.3	1312.7	1237.6	1154.7	1065.6	971.4	875.4	776.0	676.0
55°	1755.3	1691.3	1616.3	1534.7	1448.2	1360.7	1267.7	1167.7	1060.5	948.5	836.6
52.5°	1931.1	1879.4	1822.5	1760.5	1671.0	1568.9	1461.4	1355.4	1244.4	1125.0	999.8
50°	1988.3	1971.8	1953.6	1920.9	1848.7	1771.8	1666.1	1543.4	1419.0	1294.8	1164.1
47.5°	2156.7	2090.4	2017.5	1980.5	1957.6	1918.9	1831.4	1736.6	1599.3	1457.5	1320.2
45°	3358.8	2760.8	2194.4	2109.2	2018.0	1975.8	1948.3	1871.7	1769.5	1627.4	1470.4
42.5°	4733.8	4209.4	3560.4	2797.6	2179.6	2075.9	1988.1	1957.4	1892.1	1779.5	1627.4
40°	5565.0	5396.6	4800.0	4135.1	3302.3	2379.5	2111.1	1994.3	1960.4	1892.1	1769.5
37.5°	5912.7	5750.8	5553.4	5231.5	4474.2	3609.5	2580.3	2122.9	1994.3	1957.4	1871.7
35°	6206.9	6052.1	5874.8	5660.1	5419.7	4645.6	3712.6	2580.3	2111.1	1988.1	1948.3
32.5°	6449.6	6306.1	6147.2	5944.4	5714.1	5446.0	4645.6	3609.5	2379.5	2075.9	1975.8
30°	6504.6	6473.5	6366.9	6190.5	5967.8	5714.1	5419.7	4474.2	3302.3	2179.6	2018.0
27.5°	6512.8	6516.9	6482.1	6387.4	6190.5	5944.4	5660.1	5231.5	4135.1	2797.6	2109.2
25°	6472.7	6511.7	6516.4	6482.1	6366.9	6147.2	5874.8	5553.4	4800.0	3560.4	2194.4
22.5°	6446.4	6464.0	6511.7	6516.9	6473.5	6306.1	6052.1	5750.8	5396.6	4209.4	2760.8
20°	6739.7	6446.4	6472.7	6512.8	6504.6	6449.6	6206.9	5912.7	5565.0	4733.8	3358.8
17.5°	8989.7	6701.2	6413.4	6498.4	6515.1	6483.1	6327.9	6050.1	5716.9	5205.8	3895.8
15°	12657.7	8082.1	6587.7	6449.0	6512.0	6506.6	6435.6	6171.3	5844.9	5457.7	4292.4
12.5°	21299.5	10400.0	6776.4	6405.7	6500.5	6515.8	6472.7	6257.1	5941.8	5564.3	4622.1
10°	29680.3	14543.2	8115.2	6550.5	6467.1	6513.7	6488.4	6328.6	6022.4	5652.8	4895.1
7.5°	39585.1	19990.6	9559.4	6667.1	6440.5	6512.1	6500.8	6385.0	6085.8	5722.3	5109.5
5°	46943.8	24006.6	10617.9	6752.1	6421.2	6510.9	6509.8	6425.7	6131.5	5772.4	5263.9
2.5°	51484.6	26470.4	11264.5	6803.9	6409.4	6510.1	6515.2	6450.4	6159.2	5802.6	5356.9
0°	53020.5	27301.2	11482.1	6821.3	6405.5	6509.9	6517.0	6458.6	6168.4	5812.7	5388.0
-2.5°	51484.6	26470.4	11264.5	6803.9	6409.4	6510.1	6515.2	6450.4	6159.2	5802.6	5356.9
-5°	46943.8	24006.6	10617.9	6752.1	6421.2	6510.9	6509.8	6425.7	6131.5	5772.4	5263.9
-7.5°	39585.1	19990.6	9559.4	6667.1	6440.5	6512.1	6500.8	6385.0	6085.8	5722.3	5109.5
-10°	29680.3	14543.2	8115.2	6550.5	6467.1	6513.7	6488.4	6328.6	6022.4	5652.8	4895.1
-12.5°	21299.5	10400.0	6776.4	6405.7	6500.5	6515.8	6472.7	6257.1	5941.8	5564.3	4622.1
-15°	12657.7	8082.1	6587.7	6449.0	6512.0	6506.6	6435.6	6171.3	5844.9	5457.7	4292.4
-17.5°	8989.7	6701.2	6413.4	6498.4	6515.1	6483.1	6327.9	6050.1	5716.9	5205.8	3895.8
-20°	6739.7	6446.4	6472.7	6512.8	6504.6	6449.6	6206.9	5912.7	5565.0	4733.8	3358.8



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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°	6446.4	6464.0	6511.7	6516.9	6473.5	6306.1	6052.1	5750.8	5396.6	4209.4	2760.8
-25°	6472.7	6511.7	6516.4	6482.1	6366.9	6147.2	5874.8	5553.4	4800.0	3560.4	2194.4
-27.5°	6512.8	6516.9	6482.1	6387.4	6190.5	5944.4	5660.1	5231.5	4135.1	2797.6	2109.2
-30°	6504.6	6473.5	6366.9	6190.5	5967.8	5714.1	5419.7	4474.2	3302.3	2179.6	2018.0
-32.5°	6449.6	6306.1	6147.2	5944.4	5714.1	5446.0	4645.6	3609.5	2379.5	2075.9	1975.8
-35°	6206.9	6052.1	5874.8	5660.1	5419.7	4645.6	3712.6	2580.3	2111.1	1988.1	1948.3
-37.5°	5912.7	5750.8	5553.4	5231.5	4474.2	3609.5	2580.3	2122.9	1994.3	1957.4	1871.7
-40°	5565.0	5396.6	4800.0	4135.1	3302.3	2379.5	2111.1	1994.3	1960.4	1892.1	1769.5
-42.5°	4733.8	4209.4	3560.4	2797.6	2179.6	2075.9	1988.1	1957.4	1892.1	1779.5	1627.4
-45°	3358.8	2760.8	2194.4	2109.2	2018.0	1975.8	1948.3	1871.7	1769.5	1627.4	1470.4
-47.5°	2156.7	2090.4	2017.5	1980.5	1957.6	1918.9	1831.4	1736.6	1599.3	1457.5	1320.2
-50°	1988.3	1971.8	1953.6	1920.9	1848.7	1771.8	1666.1	1543.4	1419.0	1294.8	1164.1
-52.5°	1931.1	1879.4	1822.5	1760.5	1671.0	1568.9	1461.4	1355.4	1244.4	1125.0	999.8
-55°	1755.3	1691.3	1616.3	1534.7	1448.2	1360.7	1267.7	1167.7	1060.5	948.5	836.6
-57.5°	1506.2	1446.0	1382.3	1312.7	1237.6	1154.7	1065.6	971.4	875.4	776.0	676.0
-60°	1267.7	1215.2	1154.7	1088.6	1017.1	940.7	862.4	779.5	692.3	618.2	541.5
-62.5°	1023.2	973.6	919.9	862.4	800.0	733.1	667.3	606.4	542.3	475.5	409.0
-65°	782.4	739.6	692.3	650.0	604.7	556.1	504.2	450.9	395.9	338.1	279.6
-67.5°	572.2	541.5	507.4	470.8	432.4	391.1	347.1	300.4	258.1	216.7	173.3
-70°	384.7	359.0	330.5	299.3	269.7	240.4	209.2	176.1	141.1	117.7	100.0
-72.5°	218.3	200.4	180.5	158.8	135.2	120.2	107.7	94.4	80.4	65.6	54.7
-75°	102.4	95.4	87.6	79.0	69.7	59.7	54.4	51.1	47.6	43.9	40.0
-77.5°	50.1	48.4	46.5	44.5	42.2	39.8	37.2	34.8	33.1	31.3	29.5
-80°	32.4	31.6	30.7	29.7	28.7	27.6	26.4	25.1	23.7	22.6	21.7
-82.5°	21.7	21.4	21.0	20.6	20.1	19.6	19.1	18.6	18.0	17.4	16.7
-85°	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.7	13.4	13.1	12.8
-87.5°	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5
-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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 CATALOG NUMBER: EPH-08-680R-40-70-2S-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°	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	3.2
85°	12.5	12.1	11.7	11.4	11.0	10.6	9.8	9.0	8.1	7.2	6.4
82.5°	16.1	15.5	15.0	14.4	13.8	13.2	12.6	12.0	11.4	10.7	9.5
80°	20.8	19.9	18.9	17.9	16.9	15.9	15.0	14.2	13.4	12.5	11.6
77.5°	27.5	25.5	23.4	22.0	20.7	19.3	18.0	16.6	15.4	14.3	13.2
75°	36.0	33.3	30.8	28.1	25.4	22.8	21.2	19.5	17.8	16.1	14.8
72.5°	50.0	45.1	40.0	35.1	31.9	28.7	25.4	22.4	20.5	18.5	16.4
70°	81.6	62.4	52.5	46.5	40.4	34.6	30.9	27.0	23.1	20.8	18.5
67.5°	128.7	107.1	84.8	61.8	51.2	44.1	36.9	32.0	27.6	23.1	20.5
65°	229.4	177.3	126.5	101.0	74.7	54.0	46.0	37.8	32.0	27.0	22.4
62.5°	339.9	272.0	212.7	151.7	110.8	81.2	55.0	46.0	36.9	30.9	25.4
60°	462.9	384.7	304.1	234.1	166.0	114.0	81.2	54.0	44.1	34.6	28.7
57.5°	589.4	500.0	411.8	322.0	241.3	166.0	110.8	74.7	51.2	40.4	31.9
55°	720.8	618.5	519.3	420.8	322.0	234.1	151.7	101.0	61.8	46.5	35.1
52.5°	873.3	745.1	628.2	519.3	411.8	304.1	212.7	126.5	84.8	52.5	40.0
50°	1025.6	885.6	745.1	618.5	500.0	384.7	272.0	177.3	107.1	62.4	45.1
47.5°	1177.2	1025.6	873.3	720.8	589.4	462.9	339.9	229.4	128.7	81.6	50.0
45°	1320.2	1164.1	999.8	836.6	676.0	541.5	409.0	279.6	173.3	100.0	54.7
42.5°	1457.5	1294.8	1125.0	948.5	776.0	618.2	475.5	338.1	216.7	117.7	65.6
40°	1599.3	1419.0	1244.4	1060.5	875.4	692.3	542.3	395.9	258.1	141.1	80.4
37.5°	1736.6	1543.4	1355.4	1167.7	971.4	779.5	606.4	450.9	300.4	176.1	94.4
35°	1831.4	1666.1	1461.4	1267.7	1065.6	862.4	667.3	504.2	347.1	209.2	107.7
32.5°	1918.9	1771.8	1568.9	1360.7	1154.7	940.7	733.1	556.1	391.1	240.4	120.2
30°	1957.6	1848.7	1671.0	1448.2	1237.6	1017.1	800.0	604.7	432.4	269.7	135.2
27.5°	1980.5	1920.9	1760.5	1534.7	1312.7	1088.6	862.4	650.0	470.8	299.3	158.8
25°	2017.5	1953.6	1822.5	1616.3	1382.3	1154.7	919.9	692.3	507.4	330.5	180.5
22.5°	2090.4	1971.8	1879.4	1691.3	1446.0	1215.2	973.6	739.6	541.5	359.0	200.4
20°	2156.7	1988.3	1931.1	1755.3	1506.2	1267.7	1023.2	782.4	572.2	384.7	218.3
17.5°	2287.1	2022.1	1950.5	1797.7	1561.6	1314.5	1067.3	820.4	599.5	407.5	234.1
15°	2723.0	2070.2	1962.4	1834.7	1610.1	1355.4	1105.8	853.6	623.3	427.4	248.0
12.5°	3096.5	2111.3	1972.5	1866.4	1651.4	1390.3	1138.6	881.9	643.6	444.3	259.8
10°	3405.3	2145.3	1980.9	1892.5	1685.4	1419.0	1165.6	905.1	660.3	458.2	269.4
7.5°	3647.6	2172.0	1987.5	1912.9	1712.1	1441.4	1186.7	923.3	673.3	469.1	277.0
5°	3821.7	2191.1	1992.2	1927.5	1731.2	1457.5	1201.8	936.3	682.6	476.9	282.4
2.5°	3926.7	2202.6	1995.1	1936.4	1742.7	1467.2	1210.9	944.1	688.2	481.5	285.6
0°	3961.8	2206.5	1996.0	1939.3	1746.5	1470.4	1213.9	946.7	690.1	483.1	286.7
-2.5°	3926.7	2202.6	1995.1	1936.4	1742.7	1467.2	1210.9	944.1	688.2	481.5	285.6
-5°	3821.7	2191.1	1992.2	1927.5	1731.2	1457.5	1201.8	936.3	682.6	476.9	282.4
-7.5°	3647.6	2172.0	1987.5	1912.9	1712.1	1441.4	1186.7	923.3	673.3	469.1	277.0
-10°	3405.3	2145.3	1980.9	1892.5	1685.4	1419.0	1165.6	905.1	660.3	458.2	269.4
-12.5°	3096.5	2111.3	1972.5	1866.4	1651.4	1390.3	1138.6	881.9	643.6	444.3	259.8
-15°	2723.0	2070.2	1962.4	1834.7	1610.1	1355.4	1105.8	853.6	623.3	427.4	248.0
-17.5°	2287.1	2022.1	1950.5	1797.7	1561.6	1314.5	1067.3	820.4	599.5	407.5	234.1
-20°	2156.7	1988.3	1931.1	1755.3	1506.2	1267.7	1023.2	782.4	572.2	384.7	218.3



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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°	2090.4	1971.8	1879.4	1691.3	1446.0	1215.2	973.6	739.6	541.5	359.0	200.4
-25°	2017.5	1953.6	1822.5	1616.3	1382.3	1154.7	919.9	692.3	507.4	330.5	180.5
-27.5°	1980.5	1920.9	1760.5	1534.7	1312.7	1088.6	862.4	650.0	470.8	299.3	158.8
-30°	1957.6	1848.7	1671.0	1448.2	1237.6	1017.1	800.0	604.7	432.4	269.7	135.2
-32.5°	1918.9	1771.8	1568.9	1360.7	1154.7	940.7	733.1	556.1	391.1	240.4	120.2
-35°	1831.4	1666.1	1461.4	1267.7	1065.6	862.4	667.3	504.2	347.1	209.2	107.7
-37.5°	1736.6	1543.4	1355.4	1167.7	971.4	779.5	606.4	450.9	300.4	176.1	94.4
-40°	1599.3	1419.0	1244.4	1060.5	875.4	692.3	542.3	395.9	258.1	141.1	80.4
-42.5°	1457.5	1294.8	1125.0	948.5	776.0	618.2	475.5	338.1	216.7	117.7	65.6
-45°	1320.2	1164.1	999.8	836.6	676.0	541.5	409.0	279.6	173.3	100.0	54.7
-47.5°	1177.2	1025.6	873.3	720.8	589.4	462.9	339.9	229.4	128.7	81.6	50.0
-50°	1025.6	885.6	745.1	618.5	500.0	384.7	272.0	177.3	107.1	62.4	45.1
-52.5°	873.3	745.1	628.2	519.3	411.8	304.1	212.7	126.5	84.8	52.5	40.0
-55°	720.8	618.5	519.3	420.8	322.0	234.1	151.7	101.0	61.8	46.5	35.1
-57.5°	589.4	500.0	411.8	322.0	241.3	166.0	110.8	74.7	51.2	40.4	31.9
-60°	462.9	384.7	304.1	234.1	166.0	114.0	81.2	54.0	44.1	34.6	28.7
-62.5°	339.9	272.0	212.7	151.7	110.8	81.2	55.0	46.0	36.9	30.9	25.4
-65°	229.4	177.3	126.5	101.0	74.7	54.0	46.0	37.8	32.0	27.0	22.4
-67.5°	128.7	107.1	84.8	61.8	51.2	44.1	36.9	32.0	27.6	23.1	20.5
-70°	81.6	62.4	52.5	46.5	40.4	34.6	30.9	27.0	23.1	20.8	18.5
-72.5°	50.0	45.1	40.0	35.1	31.9	28.7	25.4	22.4	20.5	18.5	16.4
-75°	36.0	33.3	30.8	28.1	25.4	22.8	21.2	19.5	17.8	16.1	14.8
-77.5°	27.5	25.5	23.4	22.0	20.7	19.3	18.0	16.6	15.4	14.3	13.2
-80°	20.8	19.9	18.9	17.9	16.9	15.9	15.0	14.2	13.4	12.5	11.6
-82.5°	16.1	15.5	15.0	14.4	13.8	13.2	12.6	12.0	11.4	10.7	9.5
-85°	12.5	12.1	11.7	11.4	11.0	10.6	9.8	9.0	8.1	7.2	6.4
-87.5°	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	3.2
-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):

	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°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
85°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
82.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
80°	10.8	9.1	7.3	5.5	3.7	1.8	0.0
77.5°	12.1	11.0	9.1	6.9	4.6	2.3	0.0
75°	13.4	12.1	10.8	8.2	5.5	2.7	0.0
72.5°	14.8	13.2	11.6	9.5	6.4	3.2	0.0
70°	16.1	14.3	12.5	10.7	7.2	3.6	0.0
67.5°	17.8	15.4	13.4	11.4	8.1	4.1	0.0
65°	19.5	16.6	14.2	12.0	9.0	4.5	0.0
62.5°	21.2	18.0	15.0	12.6	9.8	4.9	0.0
60°	22.8	19.3	15.9	13.2	10.6	5.3	0.0
57.5°	25.4	20.7	16.9	13.8	11.0	5.7	0.0
55°	28.1	22.0	17.9	14.4	11.4	6.1	0.0
52.5°	30.8	23.4	18.9	15.0	11.7	6.5	0.0
50°	33.3	25.5	19.9	15.5	12.1	6.8	0.0
47.5°	36.0	27.5	20.8	16.1	12.5	7.2	0.0
45°	40.0	29.5	21.7	16.7	12.8	7.5	0.0
42.5°	43.9	31.3	22.6	17.4	13.1	7.8	0.0
40°	47.6	33.1	23.7	18.0	13.4	8.1	0.0
37.5°	51.1	34.8	25.1	18.6	13.7	8.4	0.0
35°	54.4	37.2	26.4	19.1	14.0	8.7	0.0
32.5°	59.7	39.8	27.6	19.6	14.2	8.9	0.0
30°	69.7	42.2	28.7	20.1	14.5	9.2	0.0
27.5°	79.0	44.5	29.7	20.6	14.7	9.4	0.0
25°	87.6	46.5	30.7	21.0	14.9	9.6	0.0
22.5°	95.4	48.4	31.6	21.4	15.1	9.8	0.0
20°	102.4	50.1	32.4	21.7	15.3	10.0	0.0
17.5°	108.6	51.6	33.1	22.0	15.4	10.1	0.0
15°	114.0	52.9	33.7	22.3	15.5	10.2	0.0
12.5°	118.6	54.0	34.2	22.5	15.6	10.3	0.0
10°	122.4	55.0	34.6	22.7	15.7	10.4	0.0
7.5°	125.4	55.7	35.0	22.8	15.8	10.5	0.0
5°	127.5	56.2	35.2	22.9	15.9	10.6	0.0
2.5°	128.8	56.5	35.4	23.0	15.9	10.6	0.0
0°	129.2	56.6	35.4	23.0	15.9	10.6	0.0
-2.5°	128.8	56.5	35.4	23.0	15.9	10.6	0.0
-5°	127.5	56.2	35.2	22.9	15.9	10.6	0.0
-7.5°	125.4	55.7	35.0	22.8	15.8	10.5	0.0
-10°	122.4	55.0	34.6	22.7	15.7	10.4	0.0
-12.5°	118.6	54.0	34.2	22.5	15.6	10.3	0.0
-15°	114.0	52.9	33.7	22.3	15.5	10.2	0.0
-17.5°	108.6	51.6	33.1	22.0	15.4	10.1	0.0
-20°	102.4	50.1	32.4	21.7	15.3	10.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	95.4	48.4	31.6	21.4	15.1	9.8	0.0
-25°	87.6	46.5	30.7	21.0	14.9	9.6	0.0
-27.5°	79.0	44.5	29.7	20.6	14.7	9.4	0.0
-30°	69.7	42.2	28.7	20.1	14.5	9.2	0.0
-32.5°	59.7	39.8	27.6	19.6	14.2	8.9	0.0
-35°	54.4	37.2	26.4	19.1	14.0	8.7	0.0
-37.5°	51.1	34.8	25.1	18.6	13.7	8.4	0.0
-40°	47.6	33.1	23.7	18.0	13.4	8.1	0.0
-42.5°	43.9	31.3	22.6	17.4	13.1	7.8	0.0
-45°	40.0	29.5	21.7	16.7	12.8	7.5	0.0
-47.5°	36.0	27.5	20.8	16.1	12.5	7.2	0.0
-50°	33.3	25.5	19.9	15.5	12.1	6.8	0.0
-52.5°	30.8	23.4	18.9	15.0	11.7	6.5	0.0
-55°	28.1	22.0	17.9	14.4	11.4	6.1	0.0
-57.5°	25.4	20.7	16.9	13.8	11.0	5.7	0.0
-60°	22.8	19.3	15.9	13.2	10.6	5.3	0.0
-62.5°	21.2	18.0	15.0	12.6	9.8	4.9	0.0
-65°	19.5	16.6	14.2	12.0	9.0	4.5	0.0
-67.5°	17.8	15.4	13.4	11.4	8.1	4.1	0.0
-70°	16.1	14.3	12.5	10.7	7.2	3.6	0.0
-72.5°	14.8	13.2	11.6	9.5	6.4	3.2	0.0
-75°	13.4	12.1	10.8	8.2	5.5	2.7	0.0
-77.5°	12.1	11.0	9.1	6.9	4.6	2.3	0.0
-80°	10.8	9.1	7.3	5.5	3.7	1.8	0.0
-82.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
-85°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)