

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: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-80-7F-HEG-A**

Issue Date: 2/3/2026

Test Information

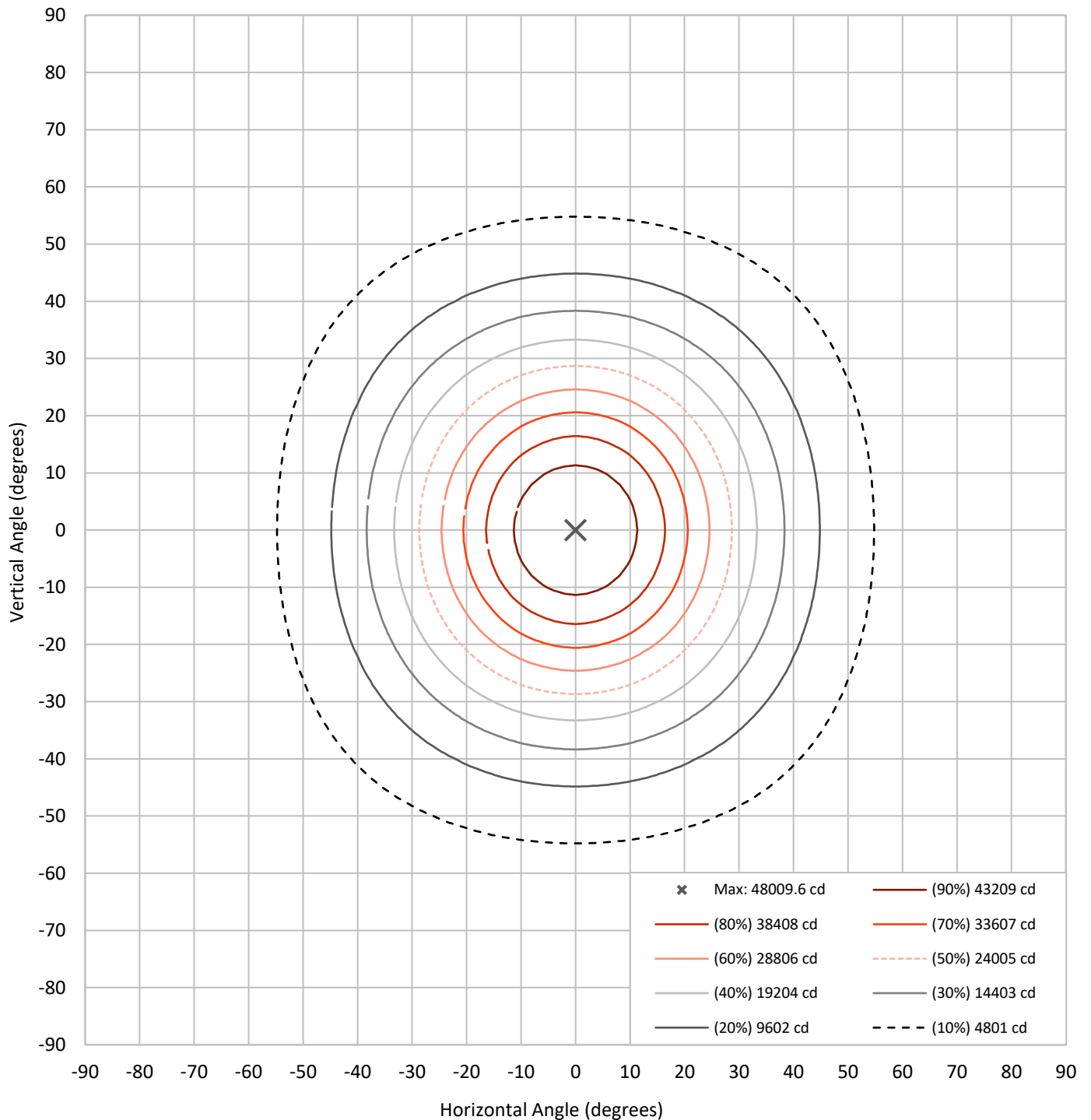
Test Method: LM-79-08
Report Number: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-57-80-7F-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	54169.5 lumens	Max Intensity:	48009.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	162.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.4°H x 57.4°V	Field Angle (10%):	109.4°H x 109.4°V
Beam Lumens:	26678.4 lumens	Field Lumens:	49143.4 lumens
Beam Efficiency:	49.2%	Field Efficiency:	90.7%
Input Watts (W):	334		
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





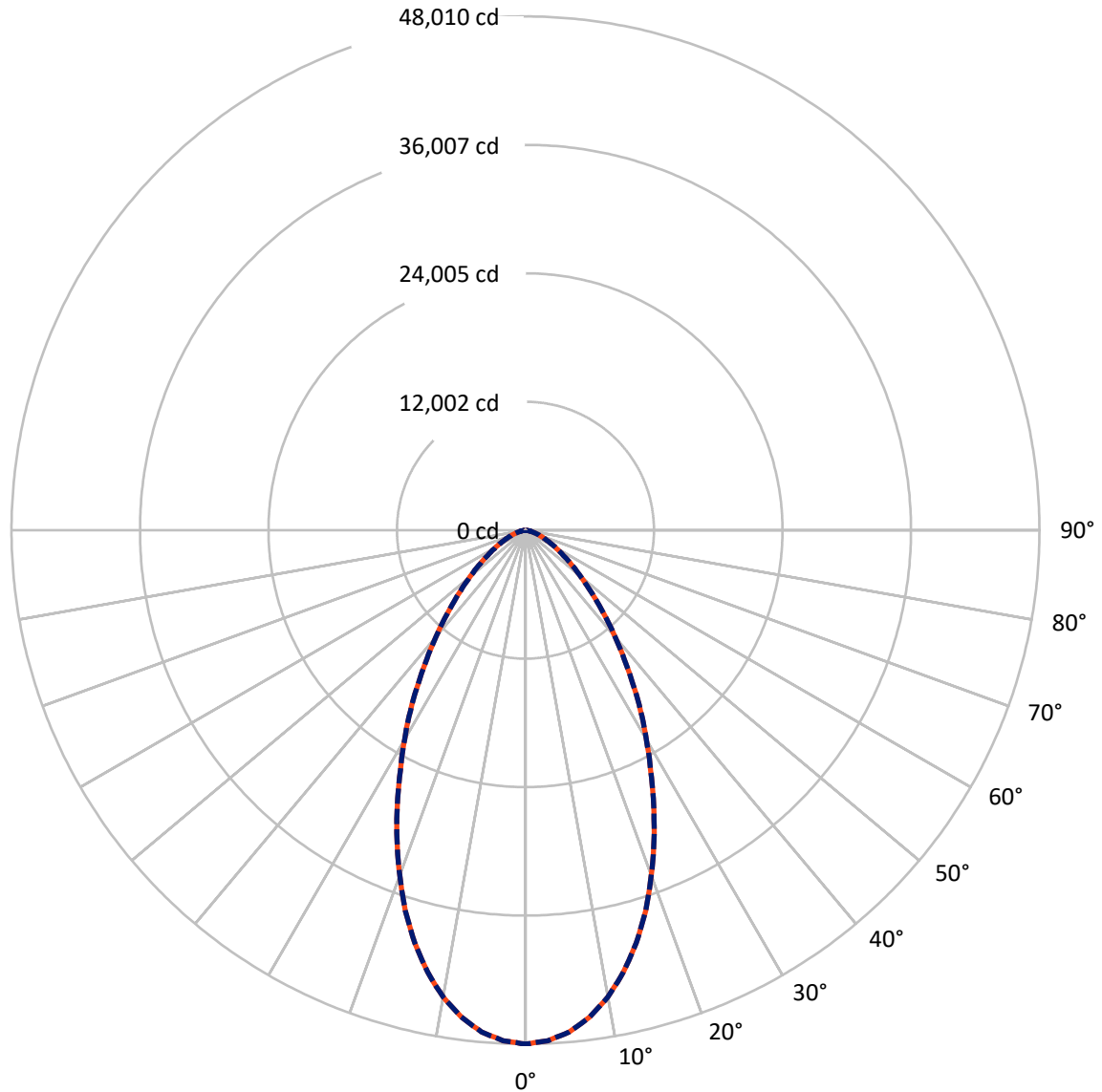
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Lumen Table

90															90				
80	0.6	7.3		24.8		45.5		54.5		45.5		24.8		7.3	0.6				
70															70				
60	3.5	4.8	12.0	22.6	35.6	48.9	60.0	66.2	66.2	60.0	48.9	35.6	22.6	12.0	4.8	3.5			
		8.9	22.5	43.1	70.1	100.3	127.5	143.6	143.6	127.5	100.3	70.1	43.1	22.5	8.9				
50															50				
40	8.2	13.8	35.2	70.8	122.7	186.5	247.9	286.1	286.1	247.9	186.5	122.7	70.8	35.2	13.8	8.2			
		18.7	49.5	106.3	197.5	318.6	441.8	521.2	521.2	441.8	318.6	197.5	106.3	49.5	18.7				
30															30				
20	12.5	23.3	64.2	146.4	288.7	488.7	697.9	837.3	837.3	697.9	488.7	288.7	146.4	64.2	23.3	12.5			
		26.9	76.7	182.9	376.3	655.9	963.0	1170.0	1170.0	963.0	655.9	376.3	182.9	76.7	26.9				
10															10				
0	14.1	28.8	83.8	204.8	430.8	763.6	1135.4	1377.5	1377.5	1135.4	763.6	430.8	204.8	83.8	28.8	14.1			
		28.8	83.8	204.8	430.8	763.6	1135.4	1377.5	1377.5	1135.4	763.6	430.8	204.8	83.8	28.8				
-10															-10				
-20	12.5	26.9	76.7	182.9	376.3	655.9	963.0	1170.0	1170.0	963.0	655.9	376.3	182.9	76.7	26.9	12.5			
		23.3	64.2	146.4	288.7	488.7	697.9	837.3	837.3	697.9	488.7	288.7	146.4	64.2	23.3				
-30															-30				
-40	8.2	18.7	49.5	106.3	197.5	318.6	441.8	521.2	521.2	441.8	318.6	197.5	106.3	49.5	18.7	8.2			
		13.8	35.2	70.8	122.7	186.5	247.9	286.1	286.1	247.9	186.5	122.7	70.8	35.2	13.8				
-50															-50				
-60	3.5	8.9	22.5	43.1	70.1	100.3	127.5	143.6	143.6	127.5	100.3	70.1	43.1	22.5	8.9	3.5			
		4.8	12.0	22.6	35.6	48.9	60.0	66.2	66.2	60.0	48.9	35.6	22.6	12.0	4.8				
-70															-70				
-80	0.6	7.3		24.8		45.5		54.5		45.5		24.8		7.3	0.6				
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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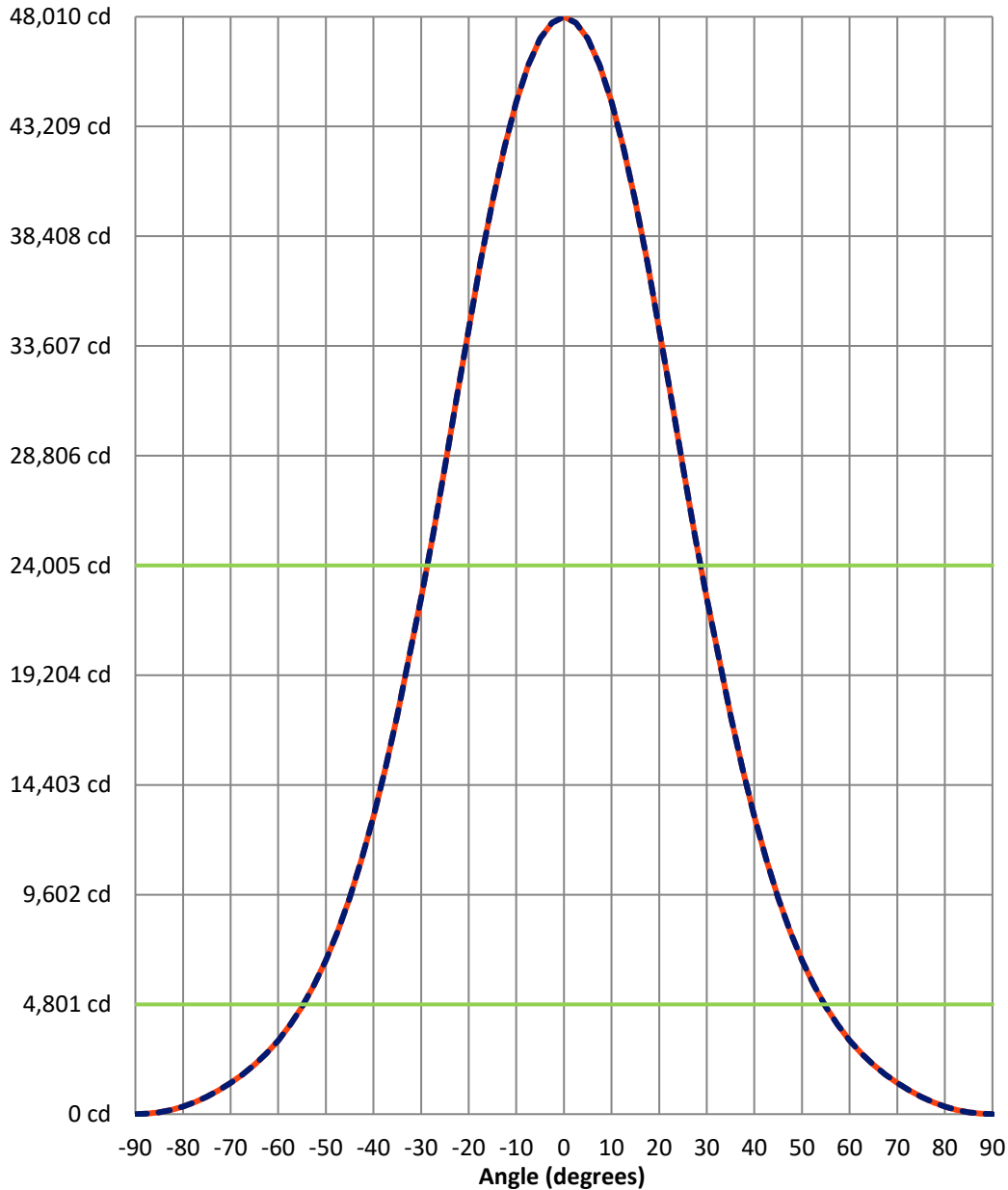
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 57.4°
 V Angle: 57.4°
 Lumens: 26678.4
 Efficiency: 49.2%

Field:
 H Angle: 109.4°
 V Angle: 109.4°
 Lumens: 49143.4
 Efficiency: 90.7%

Spill:
 Lumens: 5026.1
 Efficiency: 9.3%

- 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	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
85°	0.0	2.1	4.2	6.4	8.5	10.5	12.6	14.7	16.7	18.7	20.6
82.5°	0.0	3.2	6.4	9.5	12.7	15.8	18.9	22.0	25.7	32.5	39.2
80°	0.0	4.2	8.5	12.7	16.9	21.0	26.1	35.4	44.6	53.6	62.5
77.5°	0.0	5.3	10.5	15.8	21.0	28.5	40.2	51.8	63.3	74.6	90.2
75°	0.0	6.3	12.6	18.9	26.1	40.2	54.3	68.2	83.3	107.9	132.1
72.5°	0.0	7.3	14.7	22.0	35.4	51.8	68.2	87.7	116.8	145.4	173.5
70°	0.0	8.3	16.7	25.7	44.6	63.3	83.3	116.8	149.8	182.8	230.4
67.5°	0.0	9.3	18.7	32.5	53.6	74.6	107.9	145.4	182.8	237.0	290.3
65°	0.0	10.3	20.6	39.2	62.5	90.2	132.1	173.5	230.4	290.3	354.3
62.5°	0.0	11.3	22.5	45.7	71.2	110.0	155.8	210.6	277.1	345.7	428.9
60°	0.0	12.2	24.4	52.1	79.7	129.3	179.0	250.6	322.8	411.7	502.0
57.5°	0.0	13.1	28.5	58.3	94.5	148.2	211.3	289.8	377.6	476.2	584.4
55°	0.0	14.0	32.5	64.4	109.2	166.6	244.0	327.9	433.5	542.3	669.8
52.5°	0.0	14.9	36.5	70.2	123.5	185.9	275.8	374.4	488.0	617.1	752.9
50°	0.0	15.7	40.3	75.9	137.3	211.5	306.5	420.5	544.2	689.8	848.0
47.5°	0.0	16.5	43.9	82.5	150.6	236.2	337.4	465.1	606.6	760.0	941.6
45°	0.0	17.3	47.4	92.1	163.5	260.0	374.2	508.0	666.6	840.9	1032.0
42.5°	0.0	18.0	50.8	101.3	175.7	282.8	409.4	554.5	724.3	918.8	1129.1
40°	0.0	18.7	54.0	110.1	190.3	304.6	443.0	602.6	783.0	993.4	1223.8
37.5°	0.0	19.4	57.0	118.4	206.8	325.2	475.0	648.4	845.9	1067.1	1314.0
35°	0.0	20.0	59.9	126.3	222.4	348.4	505.2	691.7	905.4	1143.8	1404.2
32.5°	0.0	20.6	62.6	133.7	237.0	372.0	535.5	732.4	961.5	1216.0	1496.0
30°	0.0	21.1	65.1	140.6	250.7	394.1	568.1	772.3	1014.1	1283.7	1582.1
27.5°	0.0	21.6	67.5	147.0	263.4	414.6	598.3	814.8	1065.4	1346.7	1662.2
25°	0.0	22.1	69.6	152.9	275.1	433.5	626.1	853.9	1116.6	1409.9	1736.7
22.5°	0.0	22.5	71.6	158.3	285.8	450.7	651.4	889.5	1163.3	1470.1	1815.4
20°	0.0	22.9	73.4	163.1	295.4	466.2	674.3	921.7	1205.4	1524.5	1886.5
17.5°	0.0	23.3	74.9	167.4	303.9	479.9	694.5	950.2	1242.9	1572.8	1949.8
15°	0.0	23.6	76.3	171.2	311.3	491.9	712.2	975.1	1275.5	1615.0	2005.0
12.5°	0.0	23.8	77.5	174.3	317.6	502.0	727.2	996.3	1303.3	1650.9	2052.0
10°	0.0	24.0	78.4	176.9	322.8	510.4	739.6	1013.6	1326.1	1680.4	2090.6
7.5°	0.0	24.2	79.1	179.0	326.8	516.9	749.2	1027.2	1343.9	1703.4	2120.8
5°	0.0	24.3	79.7	180.4	329.7	521.6	756.1	1036.9	1356.7	1719.9	2142.5
2.5°	0.0	24.4	80.0	181.3	331.4	524.4	760.2	1042.8	1364.3	1729.8	2155.5
0°	0.0	24.4	80.1	181.6	332.0	525.3	761.6	1044.7	1366.9	1733.1	2159.8
-2.5°	0.0	24.4	80.0	181.3	331.4	524.4	760.2	1042.8	1364.3	1729.8	2155.5
-5°	0.0	24.3	79.7	180.4	329.7	521.6	756.1	1036.9	1356.7	1719.9	2142.5
-7.5°	0.0	24.2	79.1	179.0	326.8	516.9	749.2	1027.2	1343.9	1703.4	2120.8
-10°	0.0	24.0	78.4	176.9	322.8	510.4	739.6	1013.6	1326.1	1680.4	2090.6
-12.5°	0.0	23.8	77.5	174.3	317.6	502.0	727.2	996.3	1303.3	1650.9	2052.0
-15°	0.0	23.6	76.3	171.2	311.3	491.9	712.2	975.1	1275.5	1615.0	2005.0
-17.5°	0.0	23.3	74.9	167.4	303.9	479.9	694.5	950.2	1242.9	1572.8	1949.8
-20°	0.0	22.9	73.4	163.1	295.4	466.2	674.3	921.7	1205.4	1524.5	1886.5



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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	22.5	71.6	158.3	285.8	450.7	651.4	889.5	1163.3	1470.1	1815.4
-25°	0.0	22.1	69.6	152.9	275.1	433.5	626.1	853.9	1116.6	1409.9	1736.7
-27.5°	0.0	21.6	67.5	147.0	263.4	414.6	598.3	814.8	1065.4	1346.7	1662.2
-30°	0.0	21.1	65.1	140.6	250.7	394.1	568.1	772.3	1014.1	1283.7	1582.1
-32.5°	0.0	20.6	62.6	133.7	237.0	372.0	535.5	732.4	961.5	1216.0	1496.0
-35°	0.0	20.0	59.9	126.3	222.4	348.4	505.2	691.7	905.4	1143.8	1404.2
-37.5°	0.0	19.4	57.0	118.4	206.8	325.2	475.0	648.4	845.9	1067.1	1314.0
-40°	0.0	18.7	54.0	110.1	190.3	304.6	443.0	602.6	783.0	993.4	1223.8
-42.5°	0.0	18.0	50.8	101.3	175.7	282.8	409.4	554.5	724.3	918.8	1129.1
-45°	0.0	17.3	47.4	92.1	163.5	260.0	374.2	508.0	666.6	840.9	1032.0
-47.5°	0.0	16.5	43.9	82.5	150.6	236.2	337.4	465.1	606.6	760.0	941.6
-50°	0.0	15.7	40.3	75.9	137.3	211.5	306.5	420.5	544.2	689.8	848.0
-52.5°	0.0	14.9	36.5	70.2	123.5	185.9	275.8	374.4	488.0	617.1	752.9
-55°	0.0	14.0	32.5	64.4	109.2	166.6	244.0	327.9	433.5	542.3	669.8
-57.5°	0.0	13.1	28.5	58.3	94.5	148.2	211.3	289.8	377.6	476.2	584.4
-60°	0.0	12.2	24.4	52.1	79.7	129.3	179.0	250.6	322.8	411.7	502.0
-62.5°	0.0	11.3	22.5	45.7	71.2	110.0	155.8	210.6	277.1	345.7	428.9
-65°	0.0	10.3	20.6	39.2	62.5	90.2	132.1	173.5	230.4	290.3	354.3
-67.5°	0.0	9.3	18.7	32.5	53.6	74.6	107.9	145.4	182.8	237.0	290.3
-70°	0.0	8.3	16.7	25.7	44.6	63.3	83.3	116.8	149.8	182.8	230.4
-72.5°	0.0	7.3	14.7	22.0	35.4	51.8	68.2	87.7	116.8	145.4	173.5
-75°	0.0	6.3	12.6	18.9	26.1	40.2	54.3	68.2	83.3	107.9	132.1
-77.5°	0.0	5.3	10.5	15.8	21.0	28.5	40.2	51.8	63.3	74.6	90.2
-80°	0.0	4.2	8.5	12.7	16.9	21.0	26.1	35.4	44.6	53.6	62.5
-82.5°	0.0	3.2	6.4	9.5	12.7	15.8	18.9	22.0	25.7	32.5	39.2
-85°	0.0	2.1	4.2	6.4	8.5	10.5	12.6	14.7	16.7	18.7	20.6
-87.5°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-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°	11.3	12.2	13.1	14.0	14.9	15.7	16.5	17.3	18.0	18.7	19.4
85°	22.5	24.4	28.5	32.5	36.5	40.3	43.9	47.4	50.8	54.0	57.0
82.5°	45.7	52.1	58.3	64.4	70.2	75.9	82.5	92.1	101.3	110.1	118.4
80°	71.2	79.7	94.5	109.2	123.5	137.3	150.6	163.5	175.7	190.3	206.8
77.5°	110.0	129.3	148.2	166.6	185.9	211.5	236.2	260.0	282.8	304.6	325.2
75°	155.8	179.0	211.3	244.0	275.8	306.5	337.4	374.2	409.4	443.0	475.0
72.5°	210.6	250.6	289.8	327.9	374.4	420.5	465.1	508.0	554.5	602.6	648.4
70°	277.1	322.8	377.6	433.5	488.0	544.2	606.6	666.6	724.3	783.0	845.9
67.5°	345.7	411.7	476.2	542.3	617.1	689.8	760.0	840.9	918.8	993.4	1067.1
65°	428.9	502.0	584.4	669.8	752.9	848.0	941.6	1032.0	1129.1	1223.8	1314.0
62.5°	510.7	605.5	701.6	802.1	911.7	1018.2	1131.9	1245.3	1354.5	1471.6	1585.1
60°	605.5	712.2	827.7	950.2	1073.2	1205.4	1333.7	1470.1	1605.9	1736.7	1881.7
57.5°	701.6	827.7	963.1	1102.7	1249.9	1396.8	1555.0	1708.1	1876.0	2041.2	2205.3
55°	802.1	950.2	1102.7	1264.8	1430.9	1606.4	1784.2	1976.7	2163.1	2369.7	2567.6
52.5°	911.7	1073.2	1249.9	1430.9	1623.5	1824.5	2037.7	2257.8	2488.8	2720.2	2965.7
50°	1018.2	1205.4	1396.8	1606.4	1824.5	2058.2	2305.4	2560.9	2831.7	3106.3	3402.4
47.5°	1131.9	1333.7	1555.0	1784.2	2037.7	2305.4	2585.1	2887.9	3191.6	3541.8	3884.7
45°	1245.3	1470.1	1708.1	1976.7	2257.8	2560.9	2887.9	3220.1	3612.1	4003.1	4420.6
42.5°	1354.5	1605.9	1876.0	2163.1	2488.8	2831.7	3191.6	3612.1	4044.0	4503.6	4999.1
40°	1471.6	1736.7	2041.2	2369.7	2720.2	3106.3	3541.8	4003.1	4503.6	5050.2	5617.5
37.5°	1585.1	1881.7	2205.3	2567.6	2965.7	3402.4	3884.7	4420.6	4999.1	5617.5	6299.1
35°	1692.8	2019.5	2379.1	2771.8	3200.1	3708.7	4256.1	4846.8	5513.6	6238.3	7000.9
32.5°	1804.7	2149.8	2543.6	2977.4	3466.1	4012.7	4613.1	5307.6	6057.1	6855.5	7746.3
30°	1915.9	2289.7	2705.1	3171.1	3721.0	4326.8	5003.3	5758.8	6591.4	7523.8	8523.7
27.5°	2019.5	2421.6	2871.3	3380.5	3966.7	4621.3	5386.0	6228.9	7158.2	8178.1	9295.8
25°	2115.3	2543.6	3025.2	3584.4	4219.6	4935.9	5756.3	6667.6	7710.7	8855.8	10113.6
22.5°	2209.5	2655.6	3166.1	3771.5	4452.0	5239.7	6131.8	7131.6	8253.8	9489.6	10898.9
20°	2300.9	2771.8	3309.6	3945.5	4662.8	5515.8	6473.6	7564.7	8788.4	10159.6	11670.7
17.5°	2382.2	2875.3	3447.8	4118.3	4883.1	5779.7	6788.6	7953.6	9269.5	10764.0	12392.6
15°	2453.3	2965.7	3568.8	4269.6	5082.3	6027.6	7104.3	8338.4	9732.8	11314.7	13034.9
12.5°	2513.8	3042.9	3672.0	4398.7	5252.5	6239.7	7374.7	8674.5	10157.1	11823.8	13658.1
10°	2563.6	3106.3	3757.0	4505.2	5393.0	6414.9	7598.4	8952.8	10508.9	12246.9	14177.1
7.5°	2602.5	3156.0	3823.4	4588.6	5503.0	6552.3	7773.8	9171.4	10785.6	12580.1	14586.7
5°	2630.4	3191.6	3871.1	4648.4	5582.0	6650.9	7900.0	9328.7	10984.9	12820.5	14882.5
2.5°	2647.2	3213.0	3899.8	4684.4	5629.5	6710.4	7976.0	9423.6	11105.2	12965.7	15061.4
0°	2652.8	3220.1	3909.4	4696.4	5645.4	6730.2	8001.4	9455.3	11145.4	13014.2	15121.2
-2.5°	2647.2	3213.0	3899.8	4684.4	5629.5	6710.4	7976.0	9423.6	11105.2	12965.7	15061.4
-5°	2630.4	3191.6	3871.1	4648.4	5582.0	6650.9	7900.0	9328.7	10984.9	12820.5	14882.5
-7.5°	2602.5	3156.0	3823.4	4588.6	5503.0	6552.3	7773.8	9171.4	10785.6	12580.1	14586.7
-10°	2563.6	3106.3	3757.0	4505.2	5393.0	6414.9	7598.4	8952.8	10508.9	12246.9	14177.1
-12.5°	2513.8	3042.9	3672.0	4398.7	5252.5	6239.7	7374.7	8674.5	10157.1	11823.8	13658.1
-15°	2453.3	2965.7	3568.8	4269.6	5082.3	6027.6	7104.3	8338.4	9732.8	11314.7	13034.9
-17.5°	2382.2	2875.3	3447.8	4118.3	4883.1	5779.7	6788.6	7953.6	9269.5	10764.0	12392.6
-20°	2300.9	2771.8	3309.6	3945.5	4662.8	5515.8	6473.6	7564.7	8788.4	10159.6	11670.7



REPORT NUMBER: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2209.5	2655.6	3166.1	3771.5	4452.0	5239.7	6131.8	7131.6	8253.8	9489.6	10898.9
-25°	2115.3	2543.6	3025.2	3584.4	4219.6	4935.9	5756.3	6667.6	7710.7	8855.8	10113.6
-27.5°	2019.5	2421.6	2871.3	3380.5	3966.7	4621.3	5386.0	6228.9	7158.2	8178.1	9295.8
-30°	1915.9	2289.7	2705.1	3171.1	3721.0	4326.8	5003.3	5758.8	6591.4	7523.8	8523.7
-32.5°	1804.7	2149.8	2543.6	2977.4	3466.1	4012.7	4613.1	5307.6	6057.1	6855.5	7746.3
-35°	1692.8	2019.5	2379.1	2771.8	3200.1	3708.7	4256.1	4846.8	5513.6	6238.3	7000.9
-37.5°	1585.1	1881.7	2205.3	2567.6	2965.7	3402.4	3884.7	4420.6	4999.1	5617.5	6299.1
-40°	1471.6	1736.7	2041.2	2369.7	2720.2	3106.3	3541.8	4003.1	4503.6	5050.2	5617.5
-42.5°	1354.5	1605.9	1876.0	2163.1	2488.8	2831.7	3191.6	3612.1	4044.0	4503.6	4999.1
-45°	1245.3	1470.1	1708.1	1976.7	2257.8	2560.9	2887.9	3220.1	3612.1	4003.1	4420.6
-47.5°	1131.9	1333.7	1555.0	1784.2	2037.7	2305.4	2585.1	2887.9	3191.6	3541.8	3884.7
-50°	1018.2	1205.4	1396.8	1606.4	1824.5	2058.2	2305.4	2560.9	2831.7	3106.3	3402.4
-52.5°	911.7	1073.2	1249.9	1430.9	1623.5	1824.5	2037.7	2257.8	2488.8	2720.2	2965.7
-55°	802.1	950.2	1102.7	1264.8	1430.9	1606.4	1784.2	1976.7	2163.1	2369.7	2567.6
-57.5°	701.6	827.7	963.1	1102.7	1249.9	1396.8	1555.0	1708.1	1876.0	2041.2	2205.3
-60°	605.5	712.2	827.7	950.2	1073.2	1205.4	1333.7	1470.1	1605.9	1736.7	1881.7
-62.5°	510.7	605.5	701.6	802.1	911.7	1018.2	1131.9	1245.3	1354.5	1471.6	1585.1
-65°	428.9	502.0	584.4	669.8	752.9	848.0	941.6	1032.0	1129.1	1223.8	1314.0
-67.5°	345.7	411.7	476.2	542.3	617.1	689.8	760.0	840.9	918.8	993.4	1067.1
-70°	277.1	322.8	377.6	433.5	488.0	544.2	606.6	666.6	724.3	783.0	845.9
-72.5°	210.6	250.6	289.8	327.9	374.4	420.5	465.1	508.0	554.5	602.6	648.4
-75°	155.8	179.0	211.3	244.0	275.8	306.5	337.4	374.2	409.4	443.0	475.0
-77.5°	110.0	129.3	148.2	166.6	185.9	211.5	236.2	260.0	282.8	304.6	325.2
-80°	71.2	79.7	94.5	109.2	123.5	137.3	150.6	163.5	175.7	190.3	206.8
-82.5°	45.7	52.1	58.3	64.4	70.2	75.9	82.5	92.1	101.3	110.1	118.4
-85°	22.5	24.4	28.5	32.5	36.5	40.3	43.9	47.4	50.8	54.0	57.0
-87.5°	11.3	12.2	13.1	14.0	14.9	15.7	16.5	17.3	18.0	18.7	19.4
-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: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.0	20.6	21.1	21.6	22.1	22.5	22.9	23.3	23.6	23.8	24.0
85°	59.9	62.6	65.1	67.5	69.6	71.6	73.4	74.9	76.3	77.5	78.4
82.5°	126.3	133.7	140.6	147.0	152.9	158.3	163.1	167.4	171.2	174.3	176.9
80°	222.4	237.0	250.7	263.4	275.1	285.8	295.4	303.9	311.3	317.6	322.8
77.5°	348.4	372.0	394.1	414.6	433.5	450.7	466.2	479.9	491.9	502.0	510.4
75°	505.2	535.5	568.1	598.3	626.1	651.4	674.3	694.5	712.2	727.2	739.6
72.5°	691.7	732.4	772.3	814.8	853.9	889.5	921.7	950.2	975.1	996.3	1013.6
70°	905.4	961.5	1014.1	1065.4	1116.6	1163.3	1205.4	1242.9	1275.5	1303.3	1326.1
67.5°	1143.8	1216.0	1283.7	1346.7	1409.9	1470.1	1524.5	1572.8	1615.0	1650.9	1680.4
65°	1404.2	1496.0	1582.1	1662.2	1736.7	1815.4	1886.5	1949.8	2005.0	2052.0	2090.6
62.5°	1692.8	1804.7	1915.9	2019.5	2115.3	2209.5	2300.9	2382.2	2453.3	2513.8	2563.6
60°	2019.5	2149.8	2289.7	2421.6	2543.6	2655.6	2771.8	2875.3	2965.7	3042.9	3106.3
57.5°	2379.1	2543.6	2705.1	2871.3	3025.2	3166.1	3309.6	3447.8	3568.8	3672.0	3757.0
55°	2771.8	2977.4	3171.1	3380.5	3584.4	3771.5	3945.5	4118.3	4269.6	4398.7	4505.2
52.5°	3200.1	3466.1	3721.0	3966.7	4219.6	4452.0	4662.8	4883.1	5082.3	5252.5	5393.0
50°	3708.7	4012.7	4326.8	4621.3	4935.9	5239.7	5515.8	5779.7	6027.6	6239.7	6414.9
47.5°	4256.1	4613.1	5003.3	5386.0	5756.3	6131.8	6473.6	6788.6	7104.3	7374.7	7598.4
45°	4846.8	5307.6	5758.8	6228.9	6667.6	7131.6	7564.7	7953.6	8338.4	8674.5	8952.8
42.5°	5513.6	6057.1	6591.4	7158.2	7710.7	8253.8	8788.4	9269.5	9732.8	10157.1	10508.9
40°	6238.3	6855.5	7523.8	8178.1	8855.8	9489.6	10159.6	10764.0	11314.7	11823.8	12246.9
37.5°	7000.9	7746.3	8523.7	9295.8	10113.6	10898.9	11670.7	12392.6	13034.9	13658.1	14177.1
35°	7820.9	8698.5	9581.5	10538.2	11471.8	12403.3	13293.6	14172.4	14953.9	15683.6	16307.3
32.5°	8698.5	9686.2	10753.2	11837.5	12903.0	14014.3	15055.8	16095.9	17030.4	17884.2	18635.7
30°	9581.5	10753.2	11960.5	13174.5	14455.5	15716.3	16951.9	18148.8	19268.2	20244.3	21062.4
27.5°	10538.2	11837.5	13174.5	14604.0	16055.4	17480.8	18947.5	20294.8	21504.9	22566.3	23531.5
25°	11471.8	12903.0	14455.5	16055.4	17676.7	19354.6	20925.9	22376.5	23777.5	25027.0	26154.1
22.5°	12403.3	14014.3	15716.3	17480.8	19354.6	21139.3	22841.8	24528.9	26132.9	27619.2	28904.5
20°	13293.6	15055.8	16951.9	18947.5	20925.9	22841.8	24783.8	26714.8	28540.2	30209.7	31643.2
17.5°	14172.4	16095.9	18148.8	20294.8	22376.5	24528.9	26714.8	28859.3	30886.4	32682.7	34239.4
15°	14953.9	17030.4	19268.2	21504.9	23777.5	26132.9	28540.2	30886.4	33039.2	35004.6	36749.8
12.5°	15683.6	17884.2	20244.3	22566.3	25027.0	27619.2	30209.7	32682.7	35004.6	37173.7	38923.2
10°	16307.3	18635.7	21062.4	23531.5	26154.1	28904.5	31643.2	34239.4	36749.8	38923.2	40830.9
7.5°	16800.6	19231.7	21713.4	24303.2	27080.2	29956.9	32784.0	35527.4	38108.8	40387.4	42301.8
5°	17157.6	19664.0	22186.9	24866.3	27758.9	30732.7	33631.6	36494.6	39096.4	41444.2	43401.8
2.5°	17373.6	19926.1	22474.5	25209.2	28173.6	31208.7	34154.6	37096.3	39718.3	42074.3	44060.0
0°	17446.0	20013.9	22571.0	25324.4	28313.1	31369.2	34331.5	37300.7	39931.0	42282.2	44286.7
-2.5°	17373.6	19926.1	22474.5	25209.2	28173.6	31208.7	34154.6	37096.3	39718.3	42074.3	44060.0
-5°	17157.6	19664.0	22186.9	24866.3	27758.9	30732.7	33631.6	36494.6	39096.4	41444.2	43401.8
-7.5°	16800.6	19231.7	21713.4	24303.2	27080.2	29956.9	32784.0	35527.4	38108.8	40387.4	42301.8
-10°	16307.3	18635.7	21062.4	23531.5	26154.1	28904.5	31643.2	34239.4	36749.8	38923.2	40830.9
-12.5°	15683.6	17884.2	20244.3	22566.3	25027.0	27619.2	30209.7	32682.7	35004.6	37173.7	38923.2
-15°	14953.9	17030.4	19268.2	21504.9	23777.5	26132.9	28540.2	30886.4	33039.2	35004.6	36749.8
-17.5°	14172.4	16095.9	18148.8	20294.8	22376.5	24528.9	26714.8	28859.3	30886.4	32682.7	34239.4
-20°	13293.6	15055.8	16951.9	18947.5	20925.9	22841.8	24783.8	26714.8	28540.2	30209.7	31643.2



REPORT NUMBER: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12403.3	14014.3	15716.3	17480.8	19354.6	21139.3	22841.8	24528.9	26132.9	27619.2	28904.5
-25°	11471.8	12903.0	14455.5	16055.4	17676.7	19354.6	20925.9	22376.5	23777.5	25027.0	26154.1
-27.5°	10538.2	11837.5	13174.5	14604.0	16055.4	17480.8	18947.5	20294.8	21504.9	22566.3	23531.5
-30°	9581.5	10753.2	11960.5	13174.5	14455.5	15716.3	16951.9	18148.8	19268.2	20244.3	21062.4
-32.5°	8698.5	9686.2	10753.2	11837.5	12903.0	14014.3	15055.8	16095.9	17030.4	17884.2	18635.7
-35°	7820.9	8698.5	9581.5	10538.2	11471.8	12403.3	13293.6	14172.4	14953.9	15683.6	16307.3
-37.5°	7000.9	7746.3	8523.7	9295.8	10113.6	10898.9	11670.7	12392.6	13034.9	13658.1	14177.1
-40°	6238.3	6855.5	7523.8	8178.1	8855.8	9489.6	10159.6	10764.0	11314.7	11823.8	12246.9
-42.5°	5513.6	6057.1	6591.4	7158.2	7710.7	8253.8	8788.4	9269.5	9732.8	10157.1	10508.9
-45°	4846.8	5307.6	5758.8	6228.9	6667.6	7131.6	7564.7	7953.6	8338.4	8674.5	8952.8
-47.5°	4256.1	4613.1	5003.3	5386.0	5756.3	6131.8	6473.6	6788.6	7104.3	7374.7	7598.4
-50°	3708.7	4012.7	4326.8	4621.3	4935.9	5239.7	5515.8	5779.7	6027.6	6239.7	6414.9
-52.5°	3200.1	3466.1	3721.0	3966.7	4219.6	4452.0	4662.8	4883.1	5082.3	5252.5	5393.0
-55°	2771.8	2977.4	3171.1	3380.5	3584.4	3771.5	3945.5	4118.3	4269.6	4398.7	4505.2
-57.5°	2379.1	2543.6	2705.1	2871.3	3025.2	3166.1	3309.6	3447.8	3568.8	3672.0	3757.0
-60°	2019.5	2149.8	2289.7	2421.6	2543.6	2655.6	2771.8	2875.3	2965.7	3042.9	3106.3
-62.5°	1692.8	1804.7	1915.9	2019.5	2115.3	2209.5	2300.9	2382.2	2453.3	2513.8	2563.6
-65°	1404.2	1496.0	1582.1	1662.2	1736.7	1815.4	1886.5	1949.8	2005.0	2052.0	2090.6
-67.5°	1143.8	1216.0	1283.7	1346.7	1409.9	1470.1	1524.5	1572.8	1615.0	1650.9	1680.4
-70°	905.4	961.5	1014.1	1065.4	1116.6	1163.3	1205.4	1242.9	1275.5	1303.3	1326.1
-72.5°	691.7	732.4	772.3	814.8	853.9	889.5	921.7	950.2	975.1	996.3	1013.6
-75°	505.2	535.5	568.1	598.3	626.1	651.4	674.3	694.5	712.2	727.2	739.6
-77.5°	348.4	372.0	394.1	414.6	433.5	450.7	466.2	479.9	491.9	502.0	510.4
-80°	222.4	237.0	250.7	263.4	275.1	285.8	295.4	303.9	311.3	317.6	322.8
-82.5°	126.3	133.7	140.6	147.0	152.9	158.3	163.1	167.4	171.2	174.3	176.9
-85°	59.9	62.6	65.1	67.5	69.6	71.6	73.4	74.9	76.3	77.5	78.4
-87.5°	20.0	20.6	21.1	21.6	22.1	22.5	22.9	23.3	23.6	23.8	24.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-7F-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°	24.2	24.3	24.4	24.4	24.4	24.3	24.2	24.0	23.8	23.6	23.3
85°	79.1	79.7	80.0	80.1	80.0	79.7	79.1	78.4	77.5	76.3	74.9
82.5°	179.0	180.4	181.3	181.6	181.3	180.4	179.0	176.9	174.3	171.2	167.4
80°	326.8	329.7	331.4	332.0	331.4	329.7	326.8	322.8	317.6	311.3	303.9
77.5°	516.9	521.6	524.4	525.3	524.4	521.6	516.9	510.4	502.0	491.9	479.9
75°	749.2	756.1	760.2	761.6	760.2	756.1	749.2	739.6	727.2	712.2	694.5
72.5°	1027.2	1036.9	1042.8	1044.7	1042.8	1036.9	1027.2	1013.6	996.3	975.1	950.2
70°	1343.9	1356.7	1364.3	1366.9	1364.3	1356.7	1343.9	1326.1	1303.3	1275.5	1242.9
67.5°	1703.4	1719.9	1729.8	1733.1	1729.8	1719.9	1703.4	1680.4	1650.9	1615.0	1572.8
65°	2120.8	2142.5	2155.5	2159.8	2155.5	2142.5	2120.8	2090.6	2052.0	2005.0	1949.8
62.5°	2602.5	2630.4	2647.2	2652.8	2647.2	2630.4	2602.5	2563.6	2513.8	2453.3	2382.2
60°	3156.0	3191.6	3213.0	3220.1	3213.0	3191.6	3156.0	3106.3	3042.9	2965.7	2875.3
57.5°	3823.4	3871.1	3899.8	3909.4	3899.8	3871.1	3823.4	3757.0	3672.0	3568.8	3447.8
55°	4588.6	4648.4	4684.4	4696.4	4684.4	4648.4	4588.6	4505.2	4398.7	4269.6	4118.3
52.5°	5503.0	5582.0	5629.5	5645.4	5629.5	5582.0	5503.0	5393.0	5252.5	5082.3	4883.1
50°	6552.3	6650.9	6710.4	6730.2	6710.4	6650.9	6552.3	6414.9	6239.7	6027.6	5779.7
47.5°	7773.8	7900.0	7976.0	8001.4	7976.0	7900.0	7773.8	7598.4	7374.7	7104.3	6788.6
45°	9171.4	9328.7	9423.6	9455.3	9423.6	9328.7	9171.4	8952.8	8674.5	8338.4	7953.6
42.5°	10785.6	10984.9	11105.2	11145.4	11105.2	10984.9	10785.6	10508.9	10157.1	9732.8	9269.5
40°	12580.1	12820.5	12965.7	13014.2	12965.7	12820.5	12580.1	12246.9	11823.8	11314.7	10764.0
37.5°	14586.7	14882.5	15061.4	15121.2	15061.4	14882.5	14586.7	14177.1	13658.1	13034.9	12392.6
35°	16800.6	17157.6	17373.6	17446.0	17373.6	17157.6	16800.6	16307.3	15683.6	14953.9	14172.4
32.5°	19231.7	19664.0	19926.1	20013.9	19926.1	19664.0	19231.7	18635.7	17884.2	17030.4	16095.9
30°	21713.4	22186.9	22474.5	22571.0	22474.5	22186.9	21713.4	21062.4	20244.3	19268.2	18148.8
27.5°	24303.2	24866.3	25209.2	25324.4	25209.2	24866.3	24303.2	23531.5	22566.3	21504.9	20294.8
25°	27080.2	27758.9	28173.6	28313.1	28173.6	27758.9	27080.2	26154.1	25027.0	23777.5	22376.5
22.5°	29956.9	30732.7	31208.7	31369.2	31208.7	30732.7	29956.9	28904.5	27619.2	26132.9	24528.9
20°	32784.0	33631.6	34154.6	34331.5	34154.6	33631.6	32784.0	31643.2	30209.7	28540.2	26714.8
17.5°	35527.4	36494.6	37096.3	37300.7	37096.3	36494.6	35527.4	34239.4	32682.7	30886.4	28859.3
15°	38108.8	39096.4	39718.3	39931.0	39718.3	39096.4	38108.8	36749.8	35004.6	33039.2	30886.4
12.5°	40387.4	41444.2	42074.3	42282.2	42074.3	41444.2	40387.4	38923.2	37173.7	35004.6	32682.7
10°	42301.8	43401.8	44060.0	44286.7	44060.0	43401.8	42301.8	40830.9	38923.2	36749.8	34239.4
7.5°	43846.7	44967.0	45663.3	45887.5	45663.3	44967.0	43846.7	42301.8	40387.4	38108.8	35527.4
5°	44967.0	46128.2	46802.3	47051.8	46802.3	46128.2	44967.0	43401.8	41444.2	39096.4	36494.6
2.5°	45663.3	46802.3	47504.3	47742.6	47504.3	46802.3	45663.3	44060.0	42074.3	39718.3	37096.3
0°	45887.5	47051.8	47742.6	48009.6	47742.6	47051.8	45887.5	44286.7	42282.2	39931.0	37300.7
-2.5°	45663.3	46802.3	47504.3	47742.6	47504.3	46802.3	45663.3	44060.0	42074.3	39718.3	37096.3
-5°	44967.0	46128.2	46802.3	47051.8	46802.3	46128.2	44967.0	43401.8	41444.2	39096.4	36494.6
-7.5°	43846.7	44967.0	45663.3	45887.5	45663.3	44967.0	43846.7	42301.8	40387.4	38108.8	35527.4
-10°	42301.8	43401.8	44060.0	44286.7	44060.0	43401.8	42301.8	40830.9	38923.2	36749.8	34239.4
-12.5°	40387.4	41444.2	42074.3	42282.2	42074.3	41444.2	40387.4	38923.2	37173.7	35004.6	32682.7
-15°	38108.8	39096.4	39718.3	39931.0	39718.3	39096.4	38108.8	36749.8	35004.6	33039.2	30886.4
-17.5°	35527.4	36494.6	37096.3	37300.7	37096.3	36494.6	35527.4	34239.4	32682.7	30886.4	28859.3
-20°	32784.0	33631.6	34154.6	34331.5	34154.6	33631.6	32784.0	31643.2	30209.7	28540.2	26714.8



REPORT NUMBER: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	29956.9	30732.7	31208.7	31369.2	31208.7	30732.7	29956.9	28904.5	27619.2	26132.9	24528.9
-25°	27080.2	27758.9	28173.6	28313.1	28173.6	27758.9	27080.2	26154.1	25027.0	23777.5	22376.5
-27.5°	24303.2	24866.3	25209.2	25324.4	25209.2	24866.3	24303.2	23531.5	22566.3	21504.9	20294.8
-30°	21713.4	22186.9	22474.5	22571.0	22474.5	22186.9	21713.4	21062.4	20244.3	19268.2	18148.8
-32.5°	19231.7	19664.0	19926.1	20013.9	19926.1	19664.0	19231.7	18635.7	17884.2	17030.4	16095.9
-35°	16800.6	17157.6	17373.6	17446.0	17373.6	17157.6	16800.6	16307.3	15683.6	14953.9	14172.4
-37.5°	14586.7	14882.5	15061.4	15121.2	15061.4	14882.5	14586.7	14177.1	13658.1	13034.9	12392.6
-40°	12580.1	12820.5	12965.7	13014.2	12965.7	12820.5	12580.1	12246.9	11823.8	11314.7	10764.0
-42.5°	10785.6	10984.9	11105.2	11145.4	11105.2	10984.9	10785.6	10508.9	10157.1	9732.8	9269.5
-45°	9171.4	9328.7	9423.6	9455.3	9423.6	9328.7	9171.4	8952.8	8674.5	8338.4	7953.6
-47.5°	7773.8	7900.0	7976.0	8001.4	7976.0	7900.0	7773.8	7598.4	7374.7	7104.3	6788.6
-50°	6552.3	6650.9	6710.4	6730.2	6710.4	6650.9	6552.3	6414.9	6239.7	6027.6	5779.7
-52.5°	5503.0	5582.0	5629.5	5645.4	5629.5	5582.0	5503.0	5393.0	5252.5	5082.3	4883.1
-55°	4588.6	4648.4	4684.4	4696.4	4684.4	4648.4	4588.6	4505.2	4398.7	4269.6	4118.3
-57.5°	3823.4	3871.1	3899.8	3909.4	3899.8	3871.1	3823.4	3757.0	3672.0	3568.8	3447.8
-60°	3156.0	3191.6	3213.0	3220.1	3213.0	3191.6	3156.0	3106.3	3042.9	2965.7	2875.3
-62.5°	2602.5	2630.4	2647.2	2652.8	2647.2	2630.4	2602.5	2563.6	2513.8	2453.3	2382.2
-65°	2120.8	2142.5	2155.5	2159.8	2155.5	2142.5	2120.8	2090.6	2052.0	2005.0	1949.8
-67.5°	1703.4	1719.9	1729.8	1733.1	1729.8	1719.9	1703.4	1680.4	1650.9	1615.0	1572.8
-70°	1343.9	1356.7	1364.3	1366.9	1364.3	1356.7	1343.9	1326.1	1303.3	1275.5	1242.9
-72.5°	1027.2	1036.9	1042.8	1044.7	1042.8	1036.9	1027.2	1013.6	996.3	975.1	950.2
-75°	749.2	756.1	760.2	761.6	760.2	756.1	749.2	739.6	727.2	712.2	694.5
-77.5°	516.9	521.6	524.4	525.3	524.4	521.6	516.9	510.4	502.0	491.9	479.9
-80°	326.8	329.7	331.4	332.0	331.4	329.7	326.8	322.8	317.6	311.3	303.9
-82.5°	179.0	180.4	181.3	181.6	181.3	180.4	179.0	176.9	174.3	171.2	167.4
-85°	79.1	79.7	80.0	80.1	80.0	79.7	79.1	78.4	77.5	76.3	74.9
-87.5°	24.2	24.3	24.4	24.4	24.4	24.3	24.2	24.0	23.8	23.6	23.3
-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: P1305916 (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°
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°	22.9	22.5	22.1	21.6	21.1	20.6	20.0	19.4	18.7	18.0	17.3
85°	73.4	71.6	69.6	67.5	65.1	62.6	59.9	57.0	54.0	50.8	47.4
82.5°	163.1	158.3	152.9	147.0	140.6	133.7	126.3	118.4	110.1	101.3	92.1
80°	295.4	285.8	275.1	263.4	250.7	237.0	222.4	206.8	190.3	175.7	163.5
77.5°	466.2	450.7	433.5	414.6	394.1	372.0	348.4	325.2	304.6	282.8	260.0
75°	674.3	651.4	626.1	598.3	568.1	535.5	505.2	475.0	443.0	409.4	374.2
72.5°	921.7	889.5	853.9	814.8	772.3	732.4	691.7	648.4	602.6	554.5	508.0
70°	1205.4	1163.3	1116.6	1065.4	1014.1	961.5	905.4	845.9	783.0	724.3	666.6
67.5°	1524.5	1470.1	1409.9	1346.7	1283.7	1216.0	1143.8	1067.1	993.4	918.8	840.9
65°	1886.5	1815.4	1736.7	1662.2	1582.1	1496.0	1404.2	1314.0	1223.8	1129.1	1032.0
62.5°	2300.9	2209.5	2115.3	2019.5	1915.9	1804.7	1692.8	1585.1	1471.6	1354.5	1245.3
60°	2771.8	2655.6	2543.6	2421.6	2289.7	2149.8	2019.5	1881.7	1736.7	1605.9	1470.1
57.5°	3309.6	3166.1	3025.2	2871.3	2705.1	2543.6	2379.1	2205.3	2041.2	1876.0	1708.1
55°	3945.5	3771.5	3584.4	3380.5	3171.1	2977.4	2771.8	2567.6	2369.7	2163.1	1976.7
52.5°	4662.8	4452.0	4219.6	3966.7	3721.0	3466.1	3200.1	2965.7	2720.2	2488.8	2257.8
50°	5515.8	5239.7	4935.9	4621.3	4326.8	4012.7	3708.7	3402.4	3106.3	2831.7	2560.9
47.5°	6473.6	6131.8	5756.3	5386.0	5003.3	4613.1	4256.1	3884.7	3541.8	3191.6	2887.9
45°	7564.7	7131.6	6667.6	6228.9	5758.8	5307.6	4846.8	4420.6	4003.1	3612.1	3220.1
42.5°	8788.4	8253.8	7710.7	7158.2	6591.4	6057.1	5513.6	4999.1	4503.6	4044.0	3612.1
40°	10159.6	9489.6	8855.8	8178.1	7523.8	6855.5	6238.3	5617.5	5050.2	4503.6	4003.1
37.5°	11670.7	10898.9	10113.6	9295.8	8523.7	7746.3	7000.9	6299.1	5617.5	4999.1	4420.6
35°	13293.6	12403.3	11471.8	10538.2	9581.5	8698.5	7820.9	7000.9	6238.3	5513.6	4846.8
32.5°	15055.8	14014.3	12903.0	11837.5	10753.2	9686.2	8698.5	7746.3	6855.5	6057.1	5307.6
30°	16951.9	15716.3	14455.5	13174.5	11960.5	10753.2	9581.5	8523.7	7523.8	6591.4	5758.8
27.5°	18947.5	17480.8	16055.4	14604.0	13174.5	11837.5	10538.2	9295.8	8178.1	7158.2	6228.9
25°	20925.9	19354.6	17676.7	16055.4	14455.5	12903.0	11471.8	10113.6	8855.8	7710.7	6667.6
22.5°	22841.8	21139.3	19354.6	17480.8	15716.3	14014.3	12403.3	10898.9	9489.6	8253.8	7131.6
20°	24783.8	22841.8	20925.9	18947.5	16951.9	15055.8	13293.6	11670.7	10159.6	8788.4	7564.7
17.5°	26714.8	24528.9	22376.5	20294.8	18148.8	16095.9	14172.4	12392.6	10764.0	9269.5	7953.6
15°	28540.2	26132.9	23777.5	21504.9	19268.2	17030.4	14953.9	13034.9	11314.7	9732.8	8338.4
12.5°	30209.7	27619.2	25027.0	22566.3	20244.3	17884.2	15683.6	13658.1	11823.8	10157.1	8674.5
10°	31643.2	28904.5	26154.1	23531.5	21062.4	18635.7	16307.3	14177.1	12246.9	10508.9	8952.8
7.5°	32784.0	29956.9	27080.2	24303.2	21713.4	19231.7	16800.6	14586.7	12580.1	10785.6	9171.4
5°	33631.6	30732.7	27758.9	24866.3	22186.9	19664.0	17157.6	14882.5	12820.5	10984.9	9328.7
2.5°	34154.6	31208.7	28173.6	25209.2	22474.5	19926.1	17373.6	15061.4	12965.7	11105.2	9423.6
0°	34331.5	31369.2	28313.1	25324.4	22571.0	20013.9	17446.0	15121.2	13014.2	11145.4	9455.3
-2.5°	34154.6	31208.7	28173.6	25209.2	22474.5	19926.1	17373.6	15061.4	12965.7	11105.2	9423.6
-5°	33631.6	30732.7	27758.9	24866.3	22186.9	19664.0	17157.6	14882.5	12820.5	10984.9	9328.7
-7.5°	32784.0	29956.9	27080.2	24303.2	21713.4	19231.7	16800.6	14586.7	12580.1	10785.6	9171.4
-10°	31643.2	28904.5	26154.1	23531.5	21062.4	18635.7	16307.3	14177.1	12246.9	10508.9	8952.8
-12.5°	30209.7	27619.2	25027.0	22566.3	20244.3	17884.2	15683.6	13658.1	11823.8	10157.1	8674.5
-15°	28540.2	26132.9	23777.5	21504.9	19268.2	17030.4	14953.9	13034.9	11314.7	9732.8	8338.4
-17.5°	26714.8	24528.9	22376.5	20294.8	18148.8	16095.9	14172.4	12392.6	10764.0	9269.5	7953.6
-20°	24783.8	22841.8	20925.9	18947.5	16951.9	15055.8	13293.6	11670.7	10159.6	8788.4	7564.7



REPORT NUMBER: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22841.8	21139.3	19354.6	17480.8	15716.3	14014.3	12403.3	10898.9	9489.6	8253.8	7131.6
-25°	20925.9	19354.6	17676.7	16055.4	14455.5	12903.0	11471.8	10113.6	8855.8	7710.7	6667.6
-27.5°	18947.5	17480.8	16055.4	14604.0	13174.5	11837.5	10538.2	9295.8	8178.1	7158.2	6228.9
-30°	16951.9	15716.3	14455.5	13174.5	11960.5	10753.2	9581.5	8523.7	7523.8	6591.4	5758.8
-32.5°	15055.8	14014.3	12903.0	11837.5	10753.2	9686.2	8698.5	7746.3	6855.5	6057.1	5307.6
-35°	13293.6	12403.3	11471.8	10538.2	9581.5	8698.5	7820.9	7000.9	6238.3	5513.6	4846.8
-37.5°	11670.7	10898.9	10113.6	9295.8	8523.7	7746.3	7000.9	6299.1	5617.5	4999.1	4420.6
-40°	10159.6	9489.6	8855.8	8178.1	7523.8	6855.5	6238.3	5617.5	5050.2	4503.6	4003.1
-42.5°	8788.4	8253.8	7710.7	7158.2	6591.4	6057.1	5513.6	4999.1	4503.6	4044.0	3612.1
-45°	7564.7	7131.6	6667.6	6228.9	5758.8	5307.6	4846.8	4420.6	4003.1	3612.1	3220.1
-47.5°	6473.6	6131.8	5756.3	5386.0	5003.3	4613.1	4256.1	3884.7	3541.8	3191.6	2887.9
-50°	5515.8	5239.7	4935.9	4621.3	4326.8	4012.7	3708.7	3402.4	3106.3	2831.7	2560.9
-52.5°	4662.8	4452.0	4219.6	3966.7	3721.0	3466.1	3200.1	2965.7	2720.2	2488.8	2257.8
-55°	3945.5	3771.5	3584.4	3380.5	3171.1	2977.4	2771.8	2567.6	2369.7	2163.1	1976.7
-57.5°	3309.6	3166.1	3025.2	2871.3	2705.1	2543.6	2379.1	2205.3	2041.2	1876.0	1708.1
-60°	2771.8	2655.6	2543.6	2421.6	2289.7	2149.8	2019.5	1881.7	1736.7	1605.9	1470.1
-62.5°	2300.9	2209.5	2115.3	2019.5	1915.9	1804.7	1692.8	1585.1	1471.6	1354.5	1245.3
-65°	1886.5	1815.4	1736.7	1662.2	1582.1	1496.0	1404.2	1314.0	1223.8	1129.1	1032.0
-67.5°	1524.5	1470.1	1409.9	1346.7	1283.7	1216.0	1143.8	1067.1	993.4	918.8	840.9
-70°	1205.4	1163.3	1116.6	1065.4	1014.1	961.5	905.4	845.9	783.0	724.3	666.6
-72.5°	921.7	889.5	853.9	814.8	772.3	732.4	691.7	648.4	602.6	554.5	508.0
-75°	674.3	651.4	626.1	598.3	568.1	535.5	505.2	475.0	443.0	409.4	374.2
-77.5°	466.2	450.7	433.5	414.6	394.1	372.0	348.4	325.2	304.6	282.8	260.0
-80°	295.4	285.8	275.1	263.4	250.7	237.0	222.4	206.8	190.3	175.7	163.5
-82.5°	163.1	158.3	152.9	147.0	140.6	133.7	126.3	118.4	110.1	101.3	92.1
-85°	73.4	71.6	69.6	67.5	65.1	62.6	59.9	57.0	54.0	50.8	47.4
-87.5°	22.9	22.5	22.1	21.6	21.1	20.6	20.0	19.4	18.7	18.0	17.3
-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: P1305916 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.5	15.7	14.9	14.0	13.1	12.2	11.3	10.3	9.3	8.3	7.3
85°	43.9	40.3	36.5	32.5	28.5	24.4	22.5	20.6	18.7	16.7	14.7
82.5°	82.5	75.9	70.2	64.4	58.3	52.1	45.7	39.2	32.5	25.7	22.0
80°	150.6	137.3	123.5	109.2	94.5	79.7	71.2	62.5	53.6	44.6	35.4
77.5°	236.2	211.5	185.9	166.6	148.2	129.3	110.0	90.2	74.6	63.3	51.8
75°	337.4	306.5	275.8	244.0	211.3	179.0	155.8	132.1	107.9	83.3	68.2
72.5°	465.1	420.5	374.4	327.9	289.8	250.6	210.6	173.5	145.4	116.8	87.7
70°	606.6	544.2	488.0	433.5	377.6	322.8	277.1	230.4	182.8	149.8	116.8
67.5°	760.0	689.8	617.1	542.3	476.2	411.7	345.7	290.3	237.0	182.8	145.4
65°	941.6	848.0	752.9	669.8	584.4	502.0	428.9	354.3	290.3	230.4	173.5
62.5°	1131.9	1018.2	911.7	802.1	701.6	605.5	510.7	428.9	345.7	277.1	210.6
60°	1333.7	1205.4	1073.2	950.2	827.7	712.2	605.5	502.0	411.7	322.8	250.6
57.5°	1555.0	1396.8	1249.9	1102.7	963.1	827.7	701.6	584.4	476.2	377.6	289.8
55°	1784.2	1606.4	1430.9	1264.8	1102.7	950.2	802.1	669.8	542.3	433.5	327.9
52.5°	2037.7	1824.5	1623.5	1430.9	1249.9	1073.2	911.7	752.9	617.1	488.0	374.4
50°	2305.4	2058.2	1824.5	1606.4	1396.8	1205.4	1018.2	848.0	689.8	544.2	420.5
47.5°	2585.1	2305.4	2037.7	1784.2	1555.0	1333.7	1131.9	941.6	760.0	606.6	465.1
45°	2887.9	2560.9	2257.8	1976.7	1708.1	1470.1	1245.3	1032.0	840.9	666.6	508.0
42.5°	3191.6	2831.7	2488.8	2163.1	1876.0	1605.9	1354.5	1129.1	918.8	724.3	554.5
40°	3541.8	3106.3	2720.2	2369.7	2041.2	1736.7	1471.6	1223.8	993.4	783.0	602.6
37.5°	3884.7	3402.4	2965.7	2567.6	2205.3	1881.7	1585.1	1314.0	1067.1	845.9	648.4
35°	4256.1	3708.7	3200.1	2771.8	2379.1	2019.5	1692.8	1404.2	1143.8	905.4	691.7
32.5°	4613.1	4012.7	3466.1	2977.4	2543.6	2149.8	1804.7	1496.0	1216.0	961.5	732.4
30°	5003.3	4326.8	3721.0	3171.1	2705.1	2289.7	1915.9	1582.1	1283.7	1014.1	772.3
27.5°	5386.0	4621.3	3966.7	3380.5	2871.3	2421.6	2019.5	1662.2	1346.7	1065.4	814.8
25°	5756.3	4935.9	4219.6	3584.4	3025.2	2543.6	2115.3	1736.7	1409.9	1116.6	853.9
22.5°	6131.8	5239.7	4452.0	3771.5	3166.1	2655.6	2209.5	1815.4	1470.1	1163.3	889.5
20°	6473.6	5515.8	4662.8	3945.5	3309.6	2771.8	2300.9	1886.5	1524.5	1205.4	921.7
17.5°	6788.6	5779.7	4883.1	4118.3	3447.8	2875.3	2382.2	1949.8	1572.8	1242.9	950.2
15°	7104.3	6027.6	5082.3	4269.6	3568.8	2965.7	2453.3	2005.0	1615.0	1275.5	975.1
12.5°	7374.7	6239.7	5252.5	4398.7	3672.0	3042.9	2513.8	2052.0	1650.9	1303.3	996.3
10°	7598.4	6414.9	5393.0	4505.2	3757.0	3106.3	2563.6	2090.6	1680.4	1326.1	1013.6
7.5°	7773.8	6552.3	5503.0	4588.6	3823.4	3156.0	2602.5	2120.8	1703.4	1343.9	1027.2
5°	7900.0	6650.9	5582.0	4648.4	3871.1	3191.6	2630.4	2142.5	1719.9	1356.7	1036.9
2.5°	7976.0	6710.4	5629.5	4684.4	3899.8	3213.0	2647.2	2155.5	1729.8	1364.3	1042.8
0°	8001.4	6730.2	5645.4	4696.4	3909.4	3220.1	2652.8	2159.8	1733.1	1366.9	1044.7
-2.5°	7976.0	6710.4	5629.5	4684.4	3899.8	3213.0	2647.2	2155.5	1729.8	1364.3	1042.8
-5°	7900.0	6650.9	5582.0	4648.4	3871.1	3191.6	2630.4	2142.5	1719.9	1356.7	1036.9
-7.5°	7773.8	6552.3	5503.0	4588.6	3823.4	3156.0	2602.5	2120.8	1703.4	1343.9	1027.2
-10°	7598.4	6414.9	5393.0	4505.2	3757.0	3106.3	2563.6	2090.6	1680.4	1326.1	1013.6
-12.5°	7374.7	6239.7	5252.5	4398.7	3672.0	3042.9	2513.8	2052.0	1650.9	1303.3	996.3
-15°	7104.3	6027.6	5082.3	4269.6	3568.8	2965.7	2453.3	2005.0	1615.0	1275.5	975.1
-17.5°	6788.6	5779.7	4883.1	4118.3	3447.8	2875.3	2382.2	1949.8	1572.8	1242.9	950.2
-20°	6473.6	5515.8	4662.8	3945.5	3309.6	2771.8	2300.9	1886.5	1524.5	1205.4	921.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6131.8	5239.7	4452.0	3771.5	3166.1	2655.6	2209.5	1815.4	1470.1	1163.3	889.5
-25°	5756.3	4935.9	4219.6	3584.4	3025.2	2543.6	2115.3	1736.7	1409.9	1116.6	853.9
-27.5°	5386.0	4621.3	3966.7	3380.5	2871.3	2421.6	2019.5	1662.2	1346.7	1065.4	814.8
-30°	5003.3	4326.8	3721.0	3171.1	2705.1	2289.7	1915.9	1582.1	1283.7	1014.1	772.3
-32.5°	4613.1	4012.7	3466.1	2977.4	2543.6	2149.8	1804.7	1496.0	1216.0	961.5	732.4
-35°	4256.1	3708.7	3200.1	2771.8	2379.1	2019.5	1692.8	1404.2	1143.8	905.4	691.7
-37.5°	3884.7	3402.4	2965.7	2567.6	2205.3	1881.7	1585.1	1314.0	1067.1	845.9	648.4
-40°	3541.8	3106.3	2720.2	2369.7	2041.2	1736.7	1471.6	1223.8	993.4	783.0	602.6
-42.5°	3191.6	2831.7	2488.8	2163.1	1876.0	1605.9	1354.5	1129.1	918.8	724.3	554.5
-45°	2887.9	2560.9	2257.8	1976.7	1708.1	1470.1	1245.3	1032.0	840.9	666.6	508.0
-47.5°	2585.1	2305.4	2037.7	1784.2	1555.0	1333.7	1131.9	941.6	760.0	606.6	465.1
-50°	2305.4	2058.2	1824.5	1606.4	1396.8	1205.4	1018.2	848.0	689.8	544.2	420.5
-52.5°	2037.7	1824.5	1623.5	1430.9	1249.9	1073.2	911.7	752.9	617.1	488.0	374.4
-55°	1784.2	1606.4	1430.9	1264.8	1102.7	950.2	802.1	669.8	542.3	433.5	327.9
-57.5°	1555.0	1396.8	1249.9	1102.7	963.1	827.7	701.6	584.4	476.2	377.6	289.8
-60°	1333.7	1205.4	1073.2	950.2	827.7	712.2	605.5	502.0	411.7	322.8	250.6
-62.5°	1131.9	1018.2	911.7	802.1	701.6	605.5	510.7	428.9	345.7	277.1	210.6
-65°	941.6	848.0	752.9	669.8	584.4	502.0	428.9	354.3	290.3	230.4	173.5
-67.5°	760.0	689.8	617.1	542.3	476.2	411.7	345.7	290.3	237.0	182.8	145.4
-70°	606.6	544.2	488.0	433.5	377.6	322.8	277.1	230.4	182.8	149.8	116.8
-72.5°	465.1	420.5	374.4	327.9	289.8	250.6	210.6	173.5	145.4	116.8	87.7
-75°	337.4	306.5	275.8	244.0	211.3	179.0	155.8	132.1	107.9	83.3	68.2
-77.5°	236.2	211.5	185.9	166.6	148.2	129.3	110.0	90.2	74.6	63.3	51.8
-80°	150.6	137.3	123.5	109.2	94.5	79.7	71.2	62.5	53.6	44.6	35.4
-82.5°	82.5	75.9	70.2	64.4	58.3	52.1	45.7	39.2	32.5	25.7	22.0
-85°	43.9	40.3	36.5	32.5	28.5	24.4	22.5	20.6	18.7	16.7	14.7
-87.5°	16.5	15.7	14.9	14.0	13.1	12.2	11.3	10.3	9.3	8.3	7.3
-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°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
85°	12.6	10.5	8.5	6.4	4.2	2.1	0.0
82.5°	18.9	15.8	12.7	9.5	6.4	3.2	0.0
80°	26.1	21.0	16.9	12.7	8.5	4.2	0.0
77.5°	40.2	28.5	21.0	15.8	10.5	5.3	0.0
75°	54.3	40.2	26.1	18.9	12.6	6.3	0.0
72.5°	68.2	51.8	35.4	22.0	14.7	7.3	0.0
70°	83.3	63.3	44.6	25.7	16.7	8.3	0.0
67.5°	107.9	74.6	53.6	32.5	18.7	9.3	0.0
65°	132.1	90.2	62.5	39.2	20.6	10.3	0.0
62.5°	155.8	110.0	71.2	45.7	22.5	11.3	0.0
60°	179.0	129.3	79.7	52.1	24.4	12.2	0.0
57.5°	211.3	148.2	94.5	58.3	28.5	13.1	0.0
55°	244.0	166.6	109.2	64.4	32.5	14.0	0.0
52.5°	275.8	185.9	123.5	70.2	36.5	14.9	0.0
50°	306.5	211.5	137.3	75.9	40.3	15.7	0.0
47.5°	337.4	236.2	150.6	82.5	43.9	16.5	0.0
45°	374.2	260.0	163.5	92.1	47.4	17.3	0.0
42.5°	409.4	282.8	175.7	101.3	50.8	18.0	0.0
40°	443.0	304.6	190.3	110.1	54.0	18.7	0.0
37.5°	475.0	325.2	206.8	118.4	57.0	19.4	0.0
35°	505.2	348.4	222.4	126.3	59.9	20.0	0.0
32.5°	535.5	372.0	237.0	133.7	62.6	20.6	0.0
30°	568.1	394.1	250.7	140.6	65.1	21.1	0.0
27.5°	598.3	414.6	263.4	147.0	67.5	21.6	0.0
25°	626.1	433.5	275.1	152.9	69.6	22.1	0.0
22.5°	651.4	450.7	285.8	158.3	71.6	22.5	0.0
20°	674.3	466.2	295.4	163.1	73.4	22.9	0.0
17.5°	694.5	479.9	303.9	167.4	74.9	23.3	0.0
15°	712.2	491.9	311.3	171.2	76.3	23.6	0.0
12.5°	727.2	502.0	317.6	174.3	77.5	23.8	0.0
10°	739.6	510.4	322.8	176.9	78.4	24.0	0.0
7.5°	749.2	516.9	326.8	179.0	79.1	24.2	0.0
5°	756.1	521.6	329.7	180.4	79.7	24.3	0.0
2.5°	760.2	524.4	331.4	181.3	80.0	24.4	0.0
0°	761.6	525.3	332.0	181.6	80.1	24.4	0.0
-2.5°	760.2	524.4	331.4	181.3	80.0	24.4	0.0
-5°	756.1	521.6	329.7	180.4	79.7	24.3	0.0
-7.5°	749.2	516.9	326.8	179.0	79.1	24.2	0.0
-10°	739.6	510.4	322.8	176.9	78.4	24.0	0.0
-12.5°	727.2	502.0	317.6	174.3	77.5	23.8	0.0
-15°	712.2	491.9	311.3	171.2	76.3	23.6	0.0
-17.5°	694.5	479.9	303.9	167.4	74.9	23.3	0.0
-20°	674.3	466.2	295.4	163.1	73.4	22.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	651.4	450.7	285.8	158.3	71.6	22.5	0.0
-25°	626.1	433.5	275.1	152.9	69.6	22.1	0.0
-27.5°	598.3	414.6	263.4	147.0	67.5	21.6	0.0
-30°	568.1	394.1	250.7	140.6	65.1	21.1	0.0
-32.5°	535.5	372.0	237.0	133.7	62.6	20.6	0.0
-35°	505.2	348.4	222.4	126.3	59.9	20.0	0.0
-37.5°	475.0	325.2	206.8	118.4	57.0	19.4	0.0
-40°	443.0	304.6	190.3	110.1	54.0	18.7	0.0
-42.5°	409.4	282.8	175.7	101.3	50.8	18.0	0.0
-45°	374.2	260.0	163.5	92.1	47.4	17.3	0.0
-47.5°	337.4	236.2	150.6	82.5	43.9	16.5	0.0
-50°	306.5	211.5	137.3	75.9	40.3	15.7	0.0
-52.5°	275.8	185.9	123.5	70.2	36.5	14.9	0.0
-55°	244.0	166.6	109.2	64.4	32.5	14.0	0.0
-57.5°	211.3	148.2	94.5	58.3	28.5	13.1	0.0
-60°	179.0	129.3	79.7	52.1	24.4	12.2	0.0
-62.5°	155.8	110.0	71.2	45.7	22.5	11.3	0.0
-65°	132.1	90.2	62.5	39.2	20.6	10.3	0.0
-67.5°	107.9	74.6	53.6	32.5	18.7	9.3	0.0
-70°	83.3	63.3	44.6	25.7	16.7	8.3	0.0
-72.5°	68.2	51.8	35.4	22.0	14.7	7.3	0.0
-75°	54.3	40.2	26.1	18.9	12.6	6.3	0.0
-77.5°	40.2	28.5	21.0	15.8	10.5	5.3	0.0
-80°	26.1	21.0	16.9	12.7	8.5	4.2	0.0
-82.5°	18.9	15.8	12.7	9.5	6.4	3.2	0.0
-85°	12.6	10.5	8.5	6.4	4.2	2.1	0.0
-87.5°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)