

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: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

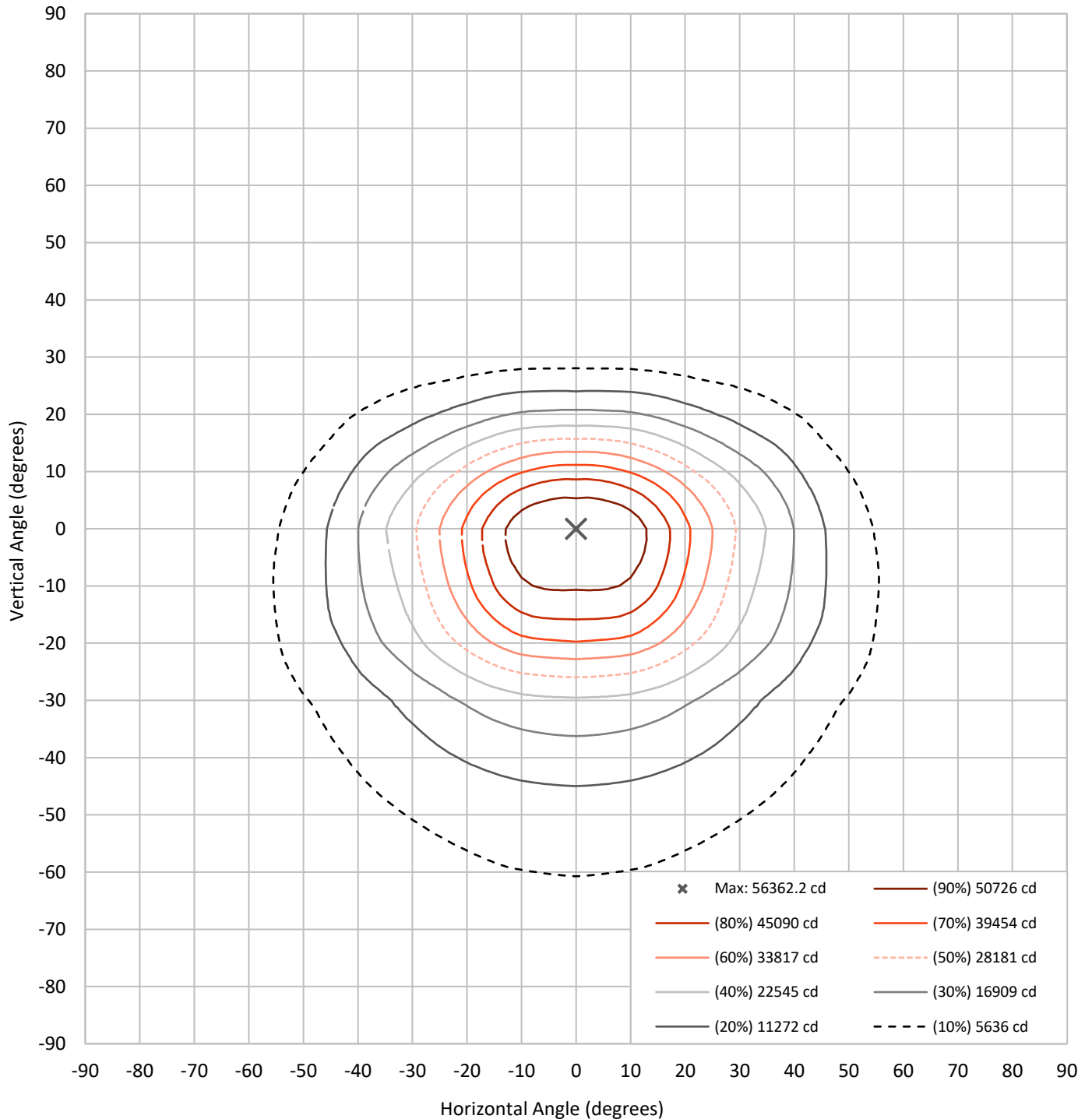
Test Method: LM-79-08
Report Number: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-80-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	49310.3 lumens	Max Intensity:	56362.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	23905.1 lumens	Field Lumens:	44785.4 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	688		
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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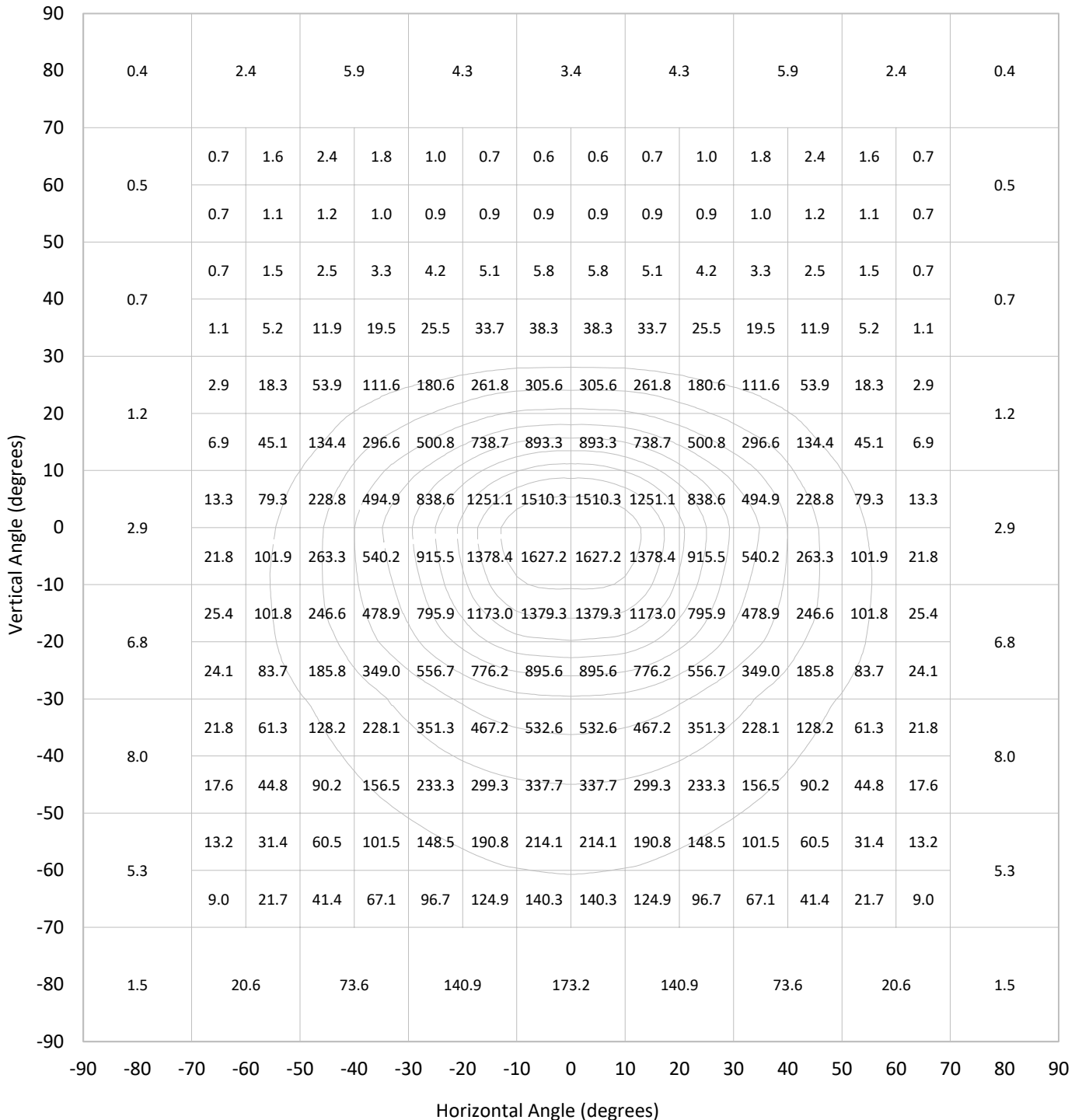
Iso-Candela Plot





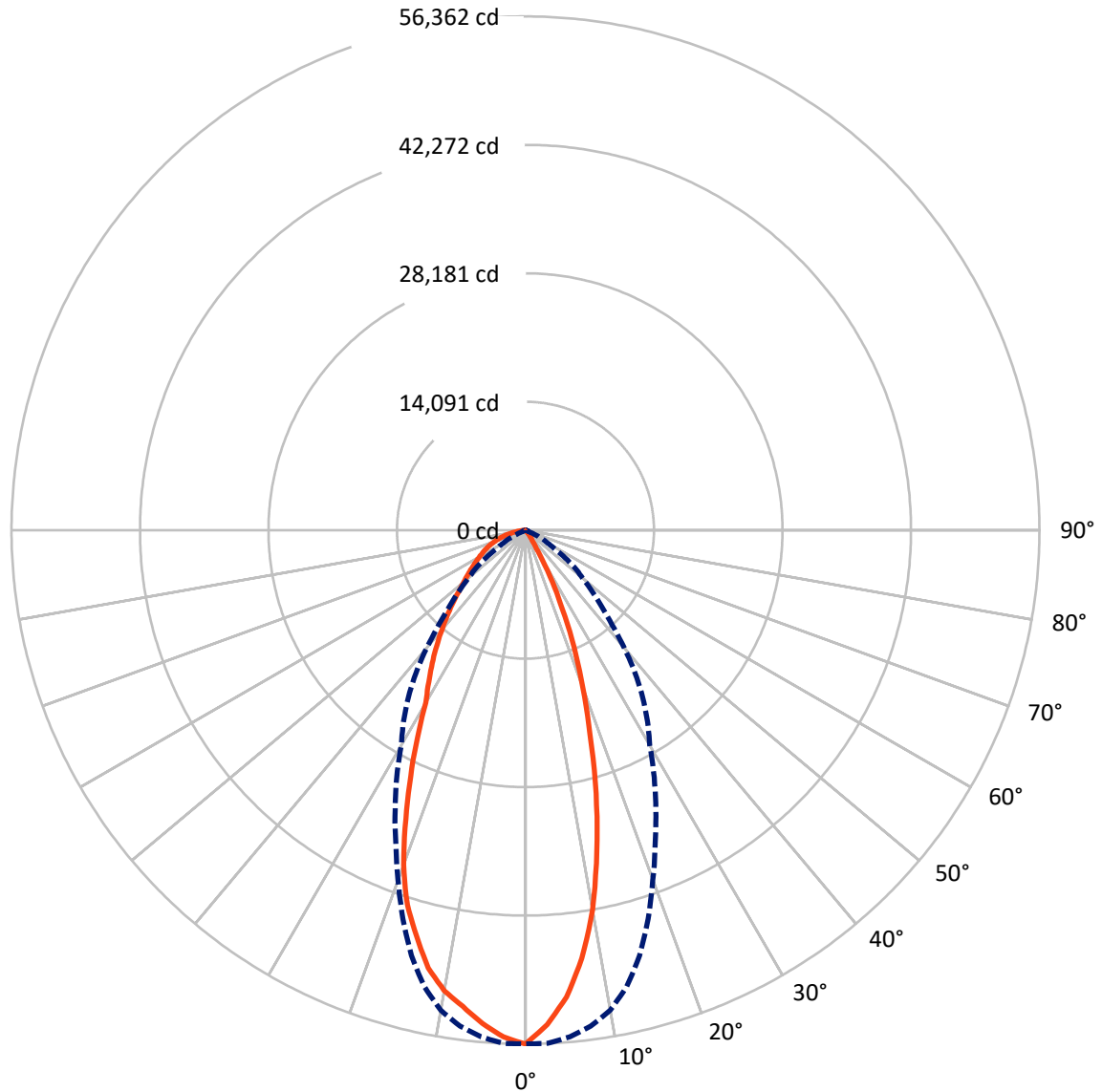
REPORT NUMBER: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)
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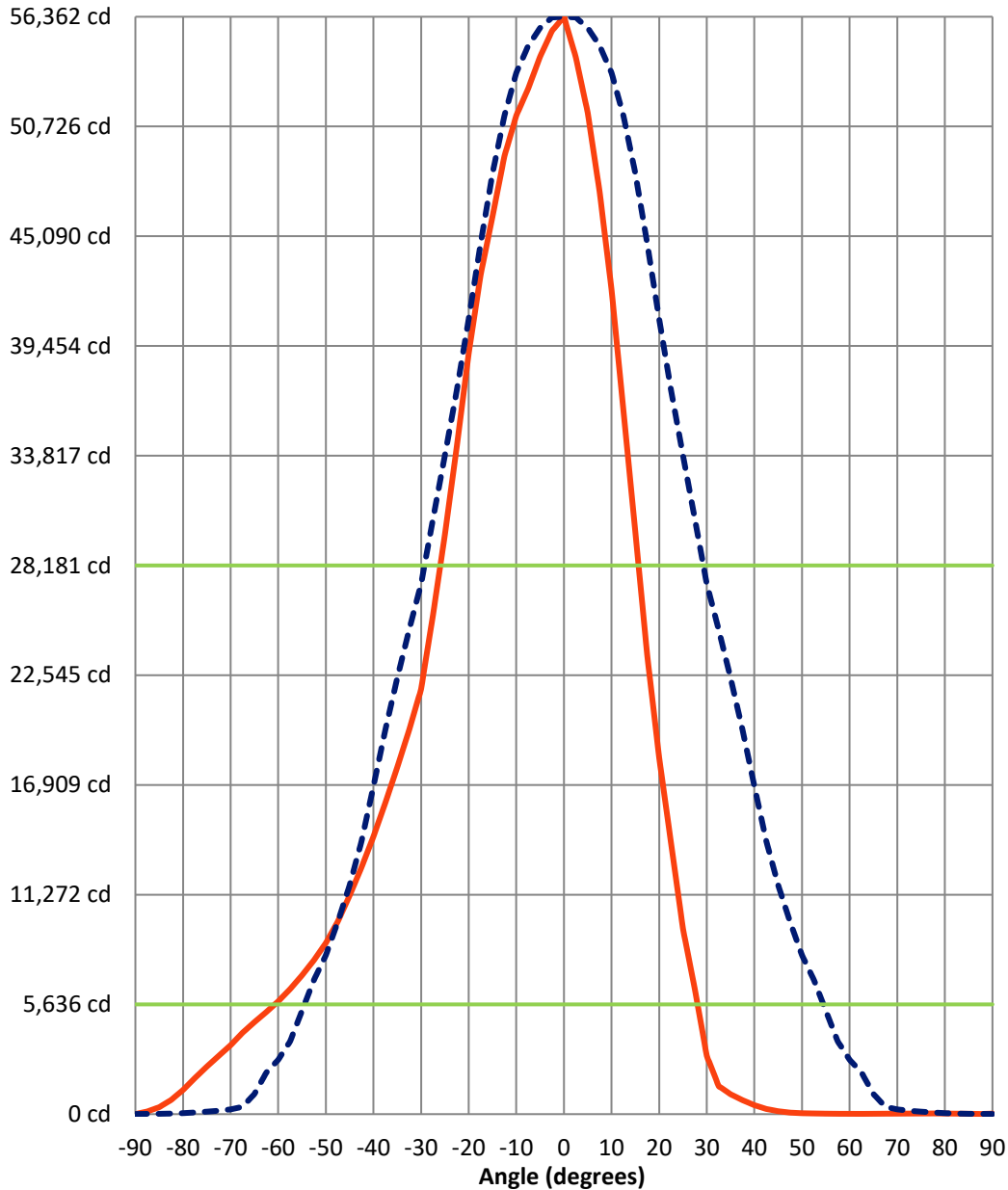
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 23905.1
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 44785.4
 Efficiency: 90.8%

Spill:
 Lumens: 4524.9
 Efficiency: 9.2%

— 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°	7.9	8.9	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9
87.5°	7.9	8.2	8.6	9.1	9.8	10.6	11.5	11.8	12.0	12.1	12.1
85°	7.9	8.5	9.3	10.3	11.7	13.2	15.1	15.7	16.1	16.3	16.3
82.5°	7.9	8.8	10.0	11.6	13.5	15.9	18.6	19.6	20.2	21.5	24.1
80°	7.9	9.1	10.6	12.7	15.4	18.5	21.7	22.2	24.3	28.2	33.7
77.5°	7.9	9.4	11.3	13.9	17.2	20.2	22.1	24.2	28.3	34.5	41.1
75°	7.9	9.7	12.0	15.1	18.6	20.3	22.4	25.9	31.6	37.0	42.3
72.5°	7.9	10.0	12.6	16.2	18.5	20.3	22.7	27.1	32.5	38.0	43.4
70°	7.9	10.3	13.2	17.0	18.4	20.3	23.0	27.8	33.4	38.9	45.1
67.5°	7.9	10.5	13.8	16.8	18.2	20.3	23.8	28.5	34.1	40.5	46.8
65°	7.9	10.8	14.4	16.6	18.0	20.6	24.6	29.1	35.4	41.9	49.1
62.5°	7.9	11.1	15.0	16.3	17.8	21.3	25.3	29.9	36.6	43.6	52.6
60°	7.9	11.3	15.5	16.0	17.5	22.0	26.1	30.9	37.7	46.5	56.0
57.5°	7.9	11.6	15.4	15.8	18.0	22.6	27.3	31.9	39.7	49.2	57.7
55°	7.9	11.8	15.3	15.4	18.6	23.3	28.5	33.2	41.8	51.4	58.6
52.5°	7.9	12.0	15.3	15.1	19.1	24.0	29.8	35.5	43.7	52.4	59.7
50°	7.9	12.2	15.2	14.8	19.6	25.1	31.0	37.8	45.3	53.5	58.0
47.5°	7.9	12.4	15.2	14.6	20.0	26.2	32.4	40.2	46.3	54.6	56.3
45°	7.9	12.6	15.2	14.9	20.5	27.2	34.5	42.5	48.8	53.4	54.8
42.5°	7.9	12.8	15.2	15.2	20.9	28.3	36.5	45.0	51.6	52.3	53.2
40°	7.9	13.0	15.2	15.8	21.5	29.3	38.4	47.7	54.4	51.8	52.0
37.5°	7.9	13.1	15.3	16.6	22.3	30.4	40.3	50.6	56.7	54.9	51.5
35°	7.9	13.3	15.4	17.5	23.0	31.7	42.2	53.7	59.8	59.2	55.3
32.5°	7.9	13.4	15.5	18.4	23.7	33.1	44.3	57.0	63.5	64.8	71.0
30°	7.9	13.5	15.6	19.3	24.4	34.5	46.8	60.4	67.9	71.6	87.2
27.5°	7.9	13.6	15.7	20.2	26.3	35.8	49.4	63.8	73.1	79.5	103.6
25°	7.9	13.7	15.9	21.1	28.5	37.0	51.9	67.5	79.4	91.7	122.0
22.5°	7.9	13.8	16.0	22.1	30.8	39.2	54.5	71.4	86.3	105.7	180.8
20°	7.9	13.8	16.2	23.0	33.1	44.2	57.0	75.6	93.7	119.6	243.2
17.5°	7.9	13.9	16.4	23.9	35.5	49.4	63.7	79.9	101.4	133.3	307.8
15°	7.9	13.9	16.6	24.9	38.0	54.8	73.0	88.7	109.4	146.6	373.4
12.5°	7.9	14.0	16.8	25.8	40.4	60.3	82.4	103.2	126.1	159.6	438.7
10°	7.9	14.0	17.0	26.6	42.8	65.9	92.0	118.0	149.9	198.9	524.8
7.5°	7.9	14.0	17.2	27.5	45.1	71.4	101.5	132.8	174.1	243.2	658.5
5°	7.9	14.0	17.4	28.3	47.4	76.9	110.8	147.6	198.3	288.2	791.6
2.5°	7.9	13.9	17.6	29.0	49.5	82.1	119.9	162.1	222.2	332.8	919.8
0°	7.9	13.9	17.8	29.7	51.5	87.1	128.6	176.1	245.4	376.0	1038.9
-2.5°	7.9	14.2	19.1	34.1	61.5	105.8	162.0	231.2	332.1	516.2	1222.8
-5°	7.9	14.4	20.4	38.4	71.2	123.9	194.4	284.8	416.5	651.4	1390.8
-7.5°	7.9	14.6	21.6	42.5	80.6	141.2	225.4	336.3	497.1	779.0	1540.5
-10°	7.9	14.8	22.8	46.3	89.4	157.5	254.6	384.8	572.7	896.4	1669.8
-12.5°	7.9	15.0	23.9	49.9	97.6	172.7	281.6	429.6	642.1	997.4	1718.8
-15°	7.9	15.2	24.9	53.2	105.0	186.4	305.9	470.0	702.9	1059.1	1726.4
-17.5°	7.9	15.3	25.9	56.2	111.7	198.6	327.2	508.5	755.3	1111.9	1723.7
-20°	7.9	15.5	26.8	58.7	117.4	209.1	348.1	544.4	800.7	1155.4	1711.7



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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°	7.9	15.6	27.5	60.8	122.1	217.6	370.2	575.1	838.4	1189.1	1691.8
-25°	7.9	15.6	28.2	62.4	125.7	228.8	388.5	600.1	868.1	1212.8	1665.0
-27.5°	7.9	15.7	28.8	63.6	128.2	239.5	402.9	619.3	889.3	1232.3	1681.9
-30°	7.9	15.7	29.2	64.2	129.9	247.5	412.9	632.2	907.0	1252.9	1688.6
-32.5°	7.9	15.7	29.5	64.2	133.9	252.8	418.6	642.1	919.5	1262.0	1682.7
-35°	7.9	15.7	29.7	63.6	136.3	255.2	423.1	647.0	923.2	1259.4	1664.0
-37.5°	7.9	15.6	29.8	62.5	137.1	255.8	424.8	645.5	918.1	1244.8	1582.8
-40°	7.9	15.6	29.7	60.8	136.2	255.9	422.0	637.6	904.2	1227.3	1501.4
-42.5°	7.9	15.4	29.5	59.1	135.0	253.4	414.9	623.3	886.1	1168.2	1414.8
-45°	7.9	15.3	29.1	58.1	133.7	248.2	403.3	605.6	862.1	1100.3	1325.5
-47.5°	7.9	15.1	28.6	56.2	131.0	240.3	387.4	586.0	829.0	1029.0	1245.9
-50°	7.9	14.9	28.0	55.7	126.9	229.8	372.6	560.5	771.0	963.8	1162.8
-52.5°	7.9	14.7	27.2	55.1	121.4	216.8	355.0	529.2	716.5	895.7	1077.3
-55°	7.9	14.5	26.3	53.8	114.6	205.7	333.8	493.4	662.0	825.0	999.0
-57.5°	7.9	14.2	25.3	51.9	106.5	193.4	309.1	460.8	605.0	758.5	918.0
-60°	7.9	13.9	24.1	49.4	97.3	179.2	282.0	419.9	547.4	691.4	837.2
-62.5°	7.9	13.6	23.2	46.3	90.8	163.2	259.2	374.9	493.7	621.7	759.4
-65°	7.9	13.2	22.3	42.7	83.3	145.4	233.9	330.6	437.3	554.2	679.1
-67.5°	7.9	12.9	21.3	38.6	74.8	128.5	206.2	291.6	378.3	485.0	598.0
-70°	7.9	12.5	20.2	34.0	65.4	112.7	176.5	250.8	327.6	412.9	514.5
-72.5°	7.9	12.1	19.0	31.1	55.2	95.6	150.0	208.1	275.0	349.1	430.2
-75°	7.9	11.6	17.8	28.4	44.4	77.5	122.7	169.5	220.5	283.3	352.0
-77.5°	7.9	11.2	16.6	25.7	38.3	58.4	94.0	131.7	172.9	218.5	271.5
-80°	7.9	10.8	15.3	22.8	33.1	46.2	64.2	93.0	125.1	160.6	199.5
-82.5°	7.9	10.3	14.0	19.8	27.7	37.7	49.8	61.4	76.2	101.6	129.5
-85°	7.9	9.8	12.6	16.7	22.2	29.1	37.3	45.3	54.0	63.5	73.8
-87.5°	7.9	9.4	11.3	13.6	16.6	20.3	24.7	28.9	33.5	38.5	44.0
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



REPORT NUMBER: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	14.4	14.9	15.3	15.8	16.3	16.8	17.3	17.8	18.8	19.8	20.8
87.5°	12.7	13.3	14.0	14.7	13.5	12.0	10.5	8.7	9.2	9.7	10.3
85°	17.5	18.8	20.5	21.8	20.8	20.0	19.4	19.0	20.0	20.9	21.6
82.5°	26.5	28.2	29.3	29.8	30.4	31.4	33.1	36.6	38.8	40.1	40.7
80°	36.4	37.8	38.9	41.6	46.3	51.9	58.3	65.4	67.3	66.9	65.6
77.5°	42.6	45.1	49.7	56.4	64.2	72.2	81.0	90.5	93.0	91.8	89.9
75°	46.2	51.7	59.4	69.0	79.2	89.8	101.1	111.5	114.1	110.8	106.7
72.5°	49.4	57.5	67.8	80.3	92.0	103.0	114.5	126.5	131.2	125.6	118.2
70°	52.2	62.4	75.0	88.4	101.7	113.4	124.7	137.7	146.0	135.6	119.5
67.5°	54.7	67.5	81.2	95.0	106.4	118.0	131.6	137.2	140.3	123.6	106.3
65°	58.4	72.1	84.3	95.9	107.8	113.5	118.1	122.3	120.6	101.6	83.3
62.5°	62.0	73.2	84.6	93.9	97.7	101.1	100.5	96.5	90.3	78.6	64.3
60°	63.3	72.9	81.1	85.1	86.5	83.4	78.6	75.0	69.7	59.6	50.1
57.5°	64.1	69.7	74.2	75.4	71.9	67.0	65.1	59.9	56.0	49.7	41.1
55°	63.6	64.4	66.6	64.0	61.1	59.3	56.4	54.7	49.3	43.3	37.0
52.5°	60.9	59.9	57.9	56.7	57.5	57.1	56.1	53.3	48.4	42.4	38.9
50°	58.5	55.0	51.8	56.2	60.2	63.5	58.4	55.3	55.1	52.3	46.6
47.5°	55.5	50.9	53.7	60.5	71.9	76.1	68.9	68.8	71.1	76.7	69.9
45°	52.8	54.5	58.9	75.9	89.9	96.3	97.3	89.7	108.7	115.0	113.1
42.5°	50.8	62.1	82.3	94.2	116.7	130.6	136.1	147.4	158.6	172.4	175.9
40°	58.2	72.0	117.6	137.8	151.8	175.5	204.2	222.8	226.3	247.2	256.6
37.5°	67.9	112.1	165.8	200.7	199.8	240.9	283.9	328.9	354.3	334.4	380.4
35°	78.9	159.2	235.3	286.1	299.0	324.5	400.2	486.4	569.7	520.9	544.7
32.5°	111.5	213.2	316.6	394.3	469.8	487.0	533.9	767.6	918.8	921.3	799.6
30°	164.8	289.2	413.5	519.6	694.4	774.5	849.4	1139.6	1393.8	1557.5	1592.2
27.5°	231.6	376.0	532.0	723.0	970.6	1115.2	1358.0	1669.6	2069.6	2369.2	2576.2
25°	306.8	510.3	661.5	980.3	1300.4	1566.1	1906.9	2335.6	2896.7	3376.9	3825.0
22.5°	403.4	666.2	867.0	1268.4	1665.9	2053.5	2526.7	3143.2	3857.2	4481.6	5116.7
20°	524.9	843.3	1135.0	1624.0	2081.4	2548.0	3155.1	4012.5	4916.3	5798.9	6623.0
17.5°	656.5	1030.0	1435.2	2030.1	2649.1	3176.7	3812.4	4915.2	6031.6	7243.7	8444.0
15°	795.1	1223.3	1732.8	2473.2	3258.6	3976.9	4817.6	5941.2	7268.6	8823.4	10371.8
12.5°	937.4	1420.2	2024.7	2942.2	3894.3	4791.7	5862.3	7144.2	8668.2	10512.0	12389.7
10°	1079.8	1617.2	2307.9	3424.7	4543.9	5610.5	6880.5	8305.7	10048.2	12120.0	14244.1
7.5°	1338.1	1876.1	2601.6	3907.5	5193.9	6421.1	7863.5	9417.6	11355.2	13658.4	15981.6
5°	1613.8	2195.0	3002.1	4413.9	5807.7	7132.5	8747.4	10469.7	12578.8	15107.0	17626.3
2.5°	1881.7	2501.9	3384.3	4886.7	6372.0	7675.0	9341.8	11152.8	13386.5	16118.6	18875.6
0°	2133.3	2794.3	3744.2	5315.4	6890.7	8165.1	9869.0	11760.8	14024.8	16842.8	19743.9
-2.5°	2360.5	3061.6	4047.1	5577.7	7050.9	8286.4	10002.3	11899.5	14138.8	16845.5	19527.4
-5°	2560.3	3310.7	4321.6	5796.6	7170.5	8366.9	10065.7	11955.5	14151.5	16724.3	19228.4
-7.5°	2730.5	3540.1	4565.7	5954.2	7234.2	8431.3	10079.1	11935.6	14076.8	16504.1	18875.3
-10°	2844.1	3634.7	4581.0	5913.3	7216.7	8457.2	10033.0	11840.0	13901.6	16191.6	18437.6
-12.5°	2770.7	3599.7	4526.6	5822.2	7156.5	8423.7	9925.6	11672.4	13629.5	15804.5	17920.6
-15°	2687.5	3541.6	4437.8	5679.3	7053.7	8326.7	9760.2	11436.6	13162.5	15170.8	17258.7
-17.5°	2598.8	3459.6	4313.6	5483.3	6908.8	8163.0	9453.7	10814.7	12398.3	14367.9	16430.5
-20°	2508.7	3352.7	4153.1	5233.4	6709.9	7746.8	8803.3	10068.6	11570.0	13403.7	15468.5



REPORT NUMBER: P1306418 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2420.7	3220.3	3983.9	5013.7	6179.7	7158.2	8112.9	9251.4	10615.0	12274.4	14083.7
-25°	2354.4	3083.2	3820.0	4654.6	5622.5	6560.4	7372.0	8381.3	9621.8	11041.1	12472.6
-27.5°	2303.0	2961.5	3588.0	4300.3	5098.8	5957.5	6678.3	7545.0	8713.0	9849.7	10954.6
-30°	2248.3	2800.6	3353.0	3973.6	4679.4	5391.4	6016.9	6862.6	7901.9	8882.7	9762.2
-32.5°	2142.6	2630.4	3147.2	3706.6	4298.4	4885.0	5539.5	6340.8	7209.4	8052.8	8758.4
-35°	2017.4	2470.8	2949.0	3442.7	3942.8	4509.9	5161.8	5849.0	6584.0	7346.6	8150.6
-37.5°	1912.3	2304.6	2745.1	3198.2	3659.9	4188.2	4771.4	5402.5	6054.1	6736.0	7523.1
-40°	1799.4	2132.4	2551.3	2971.1	3396.0	3871.4	4407.4	4967.2	5551.1	6196.9	6878.1
-42.5°	1681.8	1998.9	2357.7	2739.4	3138.1	3563.9	4030.2	4550.6	5087.3	5654.6	6263.1
-45°	1580.5	1858.5	2166.6	2522.3	2876.8	3253.5	3674.8	4128.2	4632.0	5137.0	5666.6
-47.5°	1474.1	1719.0	2005.0	2301.7	2627.4	2961.2	3313.9	3741.1	4176.1	4639.1	5098.0
-50°	1367.8	1597.1	1837.2	2110.5	2389.8	2682.4	2991.8	3373.7	3772.9	4162.2	4564.5
-52.5°	1272.6	1470.2	1695.6	1927.7	2176.6	2430.4	2717.3	3049.6	3401.2	3747.9	4106.1
-55°	1174.0	1359.2	1557.5	1766.6	1980.2	2205.9	2470.0	2766.0	3055.1	3377.8	3698.4
-57.5°	1080.6	1251.5	1431.9	1616.3	1808.2	2003.3	2257.5	2503.6	2772.2	3039.9	3318.0
-60°	989.4	1147.5	1313.0	1480.3	1646.7	1842.2	2058.0	2287.1	2515.8	2743.4	3003.5
-62.5°	897.0	1048.3	1199.0	1350.7	1505.3	1686.7	1892.3	2094.2	2289.0	2505.9	2726.5
-65°	808.8	946.8	1089.2	1229.3	1366.5	1542.3	1727.7	1918.6	2108.1	2290.1	2477.6
-67.5°	717.3	843.0	974.3	1109.2	1241.2	1393.6	1559.2	1733.1	1909.8	2077.3	2249.1
-70°	621.2	734.6	852.9	975.3	1103.2	1239.1	1380.7	1532.9	1689.4	1837.5	1986.9
-72.5°	521.1	619.3	724.0	834.8	946.0	1062.6	1186.6	1317.4	1445.5	1569.5	1698.7
-75°	423.7	500.7	588.3	681.6	776.3	874.8	978.4	1085.1	1187.9	1288.7	1392.5
-77.5°	328.1	389.0	455.4	526.9	597.9	674.3	755.3	840.4	920.4	998.9	1078.5
-80°	236.6	274.9	323.4	376.3	429.8	484.4	540.3	597.4	648.6	702.3	760.2
-82.5°	155.8	183.3	212.2	242.4	272.7	304.1	338.1	378.5	412.2	445.6	479.2
-85°	82.3	90.9	108.3	126.6	144.4	162.9	182.0	201.7	219.2	235.9	251.8
-87.5°	48.4	52.9	57.6	62.3	66.3	70.2	74.1	78.0	83.3	88.7	94.2
-90°	7.9	7.9	7.9	7.9	7.4	6.9	6.4	5.9	5.9	5.9	5.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	21.8	22.8	23.8	24.7	25.7	26.2	26.7	27.2	27.7	28.2	28.7
87.5°	10.8	10.5	10.2	9.9	9.5	11.8	14.2	16.7	19.2	17.5	15.7
85°	22.0	21.9	21.8	21.5	21.1	24.4	27.8	31.1	34.5	31.5	28.4
82.5°	40.5	39.8	38.4	36.4	33.9	33.6	33.0	31.9	30.4	29.0	27.8
80°	63.7	60.8	57.0	52.4	47.1	44.3	41.5	38.5	35.1	34.1	33.3
77.5°	86.3	80.6	73.8	66.4	58.5	53.6	49.2	44.6	39.6	38.2	37.4
75°	102.0	94.7	84.7	74.1	62.9	55.5	49.9	44.4	39.0	37.1	35.9
72.5°	109.2	98.6	86.2	72.0	58.3	49.4	43.9	38.9	34.2	32.3	31.3
70°	103.7	88.6	74.5	61.0	48.3	39.8	35.8	32.4	29.6	28.1	27.3
67.5°	88.4	73.0	59.6	47.7	37.9	31.5	29.3	27.3	25.5	24.5	24.2
65°	68.5	56.6	46.3	37.9	31.2	26.8	25.0	23.4	21.8	20.8	20.4
62.5°	51.9	42.7	36.0	30.7	26.5	23.5	22.3	21.2	20.3	19.7	19.2
60°	41.6	33.8	29.7	26.8	24.3	22.1	21.8	21.6	21.3	21.0	20.1
57.5°	35.6	30.8	27.7	27.0	25.9	24.4	24.0	23.9	23.1	21.7	21.0
55°	34.0	32.8	31.5	32.0	32.0	30.8	29.1	27.8	26.7	25.6	25.7
52.5°	37.9	40.4	41.8	41.6	39.6	36.7	33.2	33.7	34.4	35.0	35.6
50°	50.6	53.7	53.7	49.3	49.0	47.3	43.2	45.1	47.6	48.2	48.6
47.5°	70.2	73.3	75.3	67.5	68.8	73.1	68.7	67.4	75.7	79.5	81.3
45°	102.3	114.8	118.4	120.8	117.4	128.3	128.4	123.3	139.6	148.4	151.5
42.5°	170.5	191.6	208.3	213.2	209.3	222.8	233.2	232.5	252.9	267.4	271.2
40°	285.3	305.2	329.2	338.1	342.0	354.4	380.6	397.5	418.1	440.8	452.3
37.5°	432.6	463.8	468.7	487.0	510.1	521.7	561.6	595.7	623.7	666.2	693.4
35°	648.3	730.8	641.9	684.1	742.5	749.2	785.5	864.2	883.9	958.4	999.5
32.5°	1046.3	1199.9	1179.8	1037.0	1162.5	1305.0	1146.3	1428.6	1403.3	1482.8	1583.8
30°	1651.4	2098.0	2147.5	1938.7	2287.3	2476.4	2446.0	2727.3	2907.5	2885.2	3235.1
27.5°	2946.1	3304.3	3466.9	3766.8	3955.2	4234.0	4725.1	5011.2	5525.8	5795.7	6119.6
25°	4347.4	4770.9	5293.4	5809.2	6201.0	6819.2	7508.4	8050.2	8778.5	9235.5	9568.5
22.5°	5862.1	6610.0	7337.6	8056.1	8847.1	9698.5	10511.5	11450.5	12336.9	12991.3	13486.2
20°	7522.7	8557.8	9586.9	10573.3	11560.0	12698.5	13705.2	14833.7	15922.5	16869.0	17520.9
17.5°	9575.6	10657.9	11972.1	13291.9	14570.2	15980.0	17467.0	18732.4	20259.2	21520.2	22468.7
15°	11811.4	13166.8	14601.1	16251.9	17978.3	19722.7	21526.3	23386.4	25124.6	26736.8	27944.5
12.5°	14120.1	15807.2	17554.8	19382.7	21384.6	23555.5	25821.9	28035.9	30185.0	31957.1	33613.9
10°	16337.9	18446.3	20474.2	22616.1	24921.3	27349.9	30004.0	32641.2	35139.0	37321.9	39104.9
7.5°	18281.1	20570.1	22909.7	25536.1	28272.3	30993.8	33869.3	36827.6	39670.5	42186.7	44271.1
5°	20107.8	22495.8	24866.0	27691.6	30710.8	33833.7	37089.3	40412.4	43481.7	46326.4	48634.9
2.5°	21532.0	24043.8	26481.0	29579.2	32765.0	35945.5	39265.2	42898.5	46322.2	49414.6	51679.6
0°	22401.6	24881.2	27236.2	30560.8	33837.9	37176.4	40837.4	44704.3	48309.9	51272.4	53478.9
-2.5°	22100.9	24520.1	27074.9	30340.7	33805.2	37144.2	40847.8	44750.1	48332.3	51342.7	53497.4
-5°	21687.9	24059.7	26645.3	29913.0	33294.2	36629.4	40280.8	44118.4	47636.7	50598.2	52638.8
-7.5°	21180.2	23469.4	25990.7	29159.9	32522.2	35861.4	39415.8	43046.8	46411.5	49355.4	51275.7
-10°	20580.0	22750.2	25244.5	28292.6	31629.3	34848.1	38225.5	41821.8	45198.5	47875.7	49936.7
-12.5°	19957.3	22071.6	24387.9	27271.8	30466.2	33458.7	36683.3	40146.4	43121.3	45859.2	47670.4
-15°	19244.2	21271.9	23443.8	26102.0	28997.1	31798.1	34599.1	37653.1	40367.6	42802.1	44726.6
-17.5°	18418.9	20340.0	22246.2	24636.3	27408.3	29910.1	32362.5	35021.8	37435.0	39670.1	41336.3
-20°	17278.9	18859.8	20691.4	22978.0	25379.2	27489.5	29727.1	31961.0	34109.4	36001.4	37412.4



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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°	15646.0	17184.3	18881.1	20751.3	22760.3	24698.7	26614.1	28441.8	30189.7	31764.2	32899.9
-25°	13908.0	15313.0	16844.7	18399.3	20003.5	21739.8	23419.8	24928.5	26365.8	27582.4	28517.8
-27.5°	12181.1	13509.8	14848.9	16103.5	17386.7	18837.0	20307.3	21570.5	22787.9	23740.9	24470.1
-30°	10638.6	12059.1	13238.2	14091.8	15335.3	16607.7	17561.0	18710.3	19669.3	20277.4	21061.2
-32.5°	9788.6	10860.0	11929.1	12806.7	13794.8	14911.2	15813.9	16752.8	17562.2	18215.8	18708.6
-35°	9013.2	9954.6	10858.0	11760.9	12643.1	13539.9	14371.9	15164.5	15882.4	16460.4	16917.0
-37.5°	8316.7	9131.5	9949.3	10728.2	11520.7	12270.3	12984.5	13668.1	14271.7	14792.6	15223.0
-40°	7613.4	8341.3	9060.5	9764.8	10457.8	11069.7	11683.9	12248.8	12758.2	13219.1	13595.4
-42.5°	6907.3	7556.8	8186.7	8825.6	9440.6	9971.7	10478.7	10945.6	11382.4	11775.3	12100.0
-45°	6213.0	6786.6	7341.7	7909.0	8427.5	8911.5	9353.6	9746.7	10122.0	10453.1	10726.0
-47.5°	5587.3	6054.4	6549.7	7034.0	7484.1	7920.0	8306.6	8652.7	8981.9	9262.3	9485.0
-50°	5005.8	5432.3	5849.8	6242.1	6662.7	7044.9	7372.1	7691.0	7990.4	8240.5	8428.4
-52.5°	4459.0	4852.6	5228.0	5594.0	5958.9	6299.0	6612.9	6904.5	7166.0	7395.3	7558.1
-55°	4026.1	4347.8	4651.9	5004.1	5339.0	5641.3	5922.4	6205.5	6457.6	6680.4	6816.4
-57.5°	3616.3	3906.6	4196.1	4500.5	4795.1	5079.1	5346.0	5594.0	5826.4	6034.8	6151.9
-60°	3250.7	3484.9	3760.3	4041.1	4308.1	4561.6	4812.1	5044.8	5260.7	5442.1	5545.7
-62.5°	2944.3	3166.8	3399.8	3634.4	3865.5	4101.4	4328.7	4544.9	4749.8	4915.0	5015.7
-65°	2674.2	2875.7	3079.3	3287.1	3497.7	3705.3	3898.9	4088.8	4274.1	4415.7	4506.3
-67.5°	2420.0	2593.3	2764.4	2941.2	3122.6	3301.8	3472.5	3640.8	3805.7	3919.9	3990.9
-70°	2141.2	2294.3	2441.7	2590.5	2738.7	2884.3	3025.4	3166.1	3305.1	3396.8	3457.6
-72.5°	1832.3	1960.2	2079.8	2198.7	2319.8	2439.5	2555.5	2668.3	2777.2	2848.3	2900.8
-75°	1498.8	1596.3	1689.2	1783.0	1876.9	1974.1	2070.0	2161.8	2249.3	2302.5	2343.3
-77.5°	1159.3	1228.3	1293.7	1359.7	1425.6	1501.0	1577.3	1651.4	1722.6	1760.3	1788.3
-80°	818.6	867.0	911.7	954.5	995.1	1043.2	1091.5	1138.4	1183.3	1204.9	1220.7
-82.5°	512.9	541.2	567.8	593.0	616.7	642.4	666.9	689.6	710.6	720.9	728.7
-85°	266.8	279.1	290.5	301.0	310.7	322.6	333.8	344.3	353.9	357.0	359.1
-87.5°	99.6	103.3	106.9	110.3	113.6	118.1	122.5	126.8	130.9	132.1	133.0
-90°	5.9	5.9	5.9	5.9	5.9	5.4	5.0	4.5	4.0	4.0	4.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	29.2	29.7	29.7	29.7	29.7	29.7	29.2	28.7	28.2	27.7	27.2
87.5°	13.8	11.9	10.9	9.9	10.9	11.9	13.8	15.7	17.5	19.2	16.7
85°	25.1	21.8	20.8	19.8	20.8	21.8	25.1	28.4	31.5	34.5	31.1
82.5°	26.7	25.7	25.7	25.7	25.7	25.7	26.7	27.8	29.0	30.4	31.9
80°	32.5	31.6	31.7	31.7	31.7	31.6	32.5	33.3	34.1	35.1	38.5
77.5°	36.5	35.6	35.6	35.6	35.6	35.6	36.5	37.4	38.2	39.6	44.6
75°	34.8	33.7	33.6	33.6	33.6	33.7	34.8	35.9	37.1	39.0	44.4
72.5°	30.5	29.9	29.7	29.7	29.7	29.9	30.5	31.3	32.3	34.2	38.9
70°	26.6	25.9	25.7	25.7	25.7	25.9	26.6	27.3	28.1	29.6	32.4
67.5°	23.9	23.8	23.7	23.7	23.7	23.8	23.9	24.2	24.5	25.5	27.3
65°	20.2	20.0	19.8	19.8	19.8	20.0	20.2	20.4	20.8	21.8	23.4
62.5°	18.6	18.0	17.0	15.8	17.0	18.0	18.6	19.2	19.7	20.3	21.2
60°	19.2	18.1	17.8	17.8	17.8	18.1	19.2	20.1	21.0	21.3	21.6
57.5°	20.4	19.9	19.8	19.8	19.8	19.9	20.4	21.0	21.7	23.1	23.9
55°	25.7	25.6	25.6	25.7	25.6	25.6	25.7	25.7	25.6	26.7	27.8
52.5°	35.8	35.4	35.4	35.6	35.4	35.4	35.8	35.6	35.0	34.4	33.7
50°	49.1	49.1	48.6	47.5	48.6	49.1	49.1	48.6	48.2	47.6	45.1
47.5°	82.5	81.2	79.9	79.2	79.9	81.2	82.5	81.3	79.5	75.7	67.4
45°	155.0	153.9	151.6	150.4	151.6	153.9	155.0	151.5	148.4	139.6	123.3
42.5°	277.6	275.4	270.2	267.2	270.2	275.4	277.6	271.2	267.4	252.9	232.5
40°	465.3	467.8	463.7	461.1	463.7	467.8	465.3	452.3	440.8	418.1	397.5
37.5°	715.2	725.6	724.2	720.3	724.2	725.6	715.2	693.4	666.2	623.7	595.7
35°	1018.4	1030.0	1024.1	1023.1	1024.1	1030.0	1018.4	999.5	958.4	883.9	864.2
32.5°	1507.9	1490.9	1427.1	1444.6	1427.1	1490.9	1507.9	1583.8	1482.8	1403.3	1428.6
30°	3258.7	3321.3	3142.7	3000.1	3142.7	3321.3	3258.7	3235.1	2885.2	2907.5	2727.3
27.5°	6151.6	6286.7	6261.5	6407.8	6261.5	6286.7	6151.6	6119.6	5795.7	5525.8	5011.2
25°	9699.1	9788.7	9794.4	9530.6	9794.4	9788.7	9699.1	9568.5	9235.5	8778.5	8050.2
22.5°	13669.4	13755.9	13913.6	13913.9	13913.6	13755.9	13669.4	13486.2	12991.3	12336.9	11450.5
20°	17974.1	17989.9	18291.3	18313.1	18291.3	17989.9	17974.1	17520.9	16869.0	15922.5	14833.7
17.5°	23136.3	23387.4	23794.7	23557.3	23794.7	23387.4	23136.3	22468.7	21520.2	20259.2	18732.4
15°	29087.2	29648.1	30083.6	29888.0	30083.6	29648.1	29087.2	27944.5	26736.8	25124.6	23386.4
12.5°	34931.3	35815.5	36236.4	36133.5	36236.4	35815.5	34931.3	33613.9	31957.1	30185.0	28035.9
10°	40494.1	41738.6	42185.6	42343.4	42185.6	41738.6	40494.1	39104.9	37321.9	35139.0	32641.2
7.5°	45827.0	46967.4	47645.2	47362.0	47645.2	46967.4	45827.0	44271.1	42186.7	39670.5	36827.6
5°	50107.2	51070.3	51617.8	51422.8	51617.8	51070.3	50107.2	48634.9	46326.4	43481.7	40412.4
2.5°	53138.4	54037.7	54512.3	54273.5	54512.3	54037.7	53138.4	51679.6	49414.6	46322.2	42898.5
0°	54870.1	55786.4	56323.6	56362.2	56323.6	55786.4	54870.1	53478.9	51272.4	48309.9	44704.3
-2.5°	54802.4	55449.8	55827.3	55635.0	55827.3	55449.8	54802.4	53497.4	51342.7	48332.3	44750.1
-5°	53655.2	54201.8	54397.9	54314.0	54397.9	54201.8	53655.2	52638.8	50598.2	47636.7	44118.4
-7.5°	52239.7	52642.8	52777.6	52677.5	52777.6	52642.8	52239.7	51275.7	49355.4	46411.5	43046.8
-10°	50870.4	51273.2	51341.5	51284.3	51341.5	51273.2	50870.4	49936.7	47875.7	45198.5	41821.8
-12.5°	48876.7	49313.3	49327.4	49194.5	49327.4	49313.3	48876.7	47670.4	45859.2	43121.3	40146.4
-15°	45767.3	46124.3	46181.8	46107.4	46181.8	46124.3	45767.3	44726.6	42802.1	40367.6	37653.1
-17.5°	42311.0	42547.4	42803.5	43089.5	42803.5	42547.4	42311.0	41336.3	39670.1	37435.0	35021.8
-20°	38161.3	38444.1	38746.3	39066.3	38746.3	38444.1	38161.3	37412.4	36001.4	34109.4	31961.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	33497.6	33815.3	34125.2	34287.1	34125.2	33815.3	33497.6	32899.9	31764.2	30189.7	28441.8
-25°	28986.2	29373.1	29617.8	29765.3	29617.8	29373.1	28986.2	28517.8	27582.4	26365.8	24928.5
-27.5°	24850.5	25309.1	25534.9	25631.2	25534.9	25309.1	24850.5	24470.1	23740.9	22787.9	21570.5
-30°	21367.2	21648.8	21687.8	21833.7	21687.8	21648.8	21367.2	21061.2	20277.4	19669.3	18710.3
-32.5°	19070.7	19383.5	19573.7	19734.0	19573.7	19383.5	19070.7	18708.6	18215.8	17562.2	16752.8
-35°	17271.5	17554.9	17741.4	17818.4	17741.4	17554.9	17271.5	16917.0	16460.4	15882.4	15164.5
-37.5°	15547.0	15761.2	15891.5	15995.8	15891.5	15761.2	15547.0	15223.0	14792.6	14271.7	13668.1
-40°	13884.3	14096.6	14225.6	14260.3	14225.6	14096.6	13884.3	13595.4	13219.1	12758.2	12248.8
-42.5°	12332.4	12496.0	12608.2	12685.0	12608.2	12496.0	12332.4	12100.0	11775.3	11382.4	10945.6
-45°	10927.2	11071.3	11171.2	11232.5	11171.2	11071.3	10927.2	10726.0	10453.1	10122.0	9746.7
-47.5°	9649.0	9764.9	9844.5	9890.7	9844.5	9764.9	9649.0	9485.0	9262.3	8981.9	8652.7
-50°	8568.6	8672.2	8745.8	8790.5	8745.8	8672.2	8568.6	8428.4	8240.5	7990.4	7691.0
-52.5°	7685.2	7785.9	7859.9	7907.8	7859.9	7785.9	7685.2	7558.1	7395.3	7166.0	6904.5
-55°	6929.3	7021.8	7088.8	7132.1	7088.8	7021.8	6929.3	6816.4	6680.4	6457.6	6205.5
-57.5°	6251.4	6333.1	6389.8	6425.6	6389.8	6333.1	6251.4	6151.9	6034.8	5826.4	5594.0
-60°	5634.0	5707.7	5759.9	5796.3	5759.9	5707.7	5634.0	5545.7	5442.1	5260.7	5044.8
-62.5°	5104.7	5182.1	5223.6	5246.2	5223.6	5182.1	5104.7	5015.7	4915.0	4749.8	4544.9
-65°	4589.6	4664.3	4704.5	4727.7	4704.5	4664.3	4589.6	4506.3	4415.7	4274.1	4088.8
-67.5°	4053.6	4107.4	4148.4	4179.5	4148.4	4107.4	4053.6	3990.9	3919.9	3805.7	3640.8
-70°	3509.8	3553.3	3554.7	3542.3	3554.7	3553.3	3509.8	3457.6	3396.8	3305.1	3166.1
-72.5°	2946.3	2984.5	2994.4	2994.1	2994.4	2984.5	2946.3	2900.8	2848.3	2777.2	2668.3
-75°	2378.5	2407.8	2427.4	2440.0	2427.4	2407.8	2378.5	2343.3	2302.5	2249.3	2161.8
-77.5°	1811.2	1828.8	1845.2	1856.2	1845.2	1828.8	1811.2	1788.3	1760.3	1722.6	1651.4
-80°	1232.7	1241.0	1242.9	1240.8	1242.9	1241.0	1232.7	1220.7	1204.9	1183.3	1138.4
-82.5°	734.3	737.8	734.2	728.3	734.2	737.8	734.3	728.7	720.9	710.6	689.6
-85°	360.2	360.4	359.7	358.2	359.7	360.4	360.2	359.1	357.0	353.9	344.3
-87.5°	133.7	134.2	136.4	138.5	136.4	134.2	133.7	133.0	132.1	130.9	126.8
-90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	26.7	26.2	25.7	24.7	23.8	22.8	21.8	20.8	19.8	18.8	17.8
87.5°	14.2	11.8	9.5	9.9	10.2	10.5	10.8	10.3	9.7	9.2	8.7
85°	27.8	24.4	21.1	21.5	21.8	21.9	22.0	21.6	20.9	20.0	19.0
82.5°	33.0	33.6	33.9	36.4	38.4	39.8	40.5	40.7	40.1	38.8	36.6
80°	41.5	44.3	47.1	52.4	57.0	60.8	63.7	65.6	66.9	67.3	65.4
77.5°	49.2	53.6	58.5	66.4	73.8	80.6	86.3	89.9	91.8	93.0	90.5
75°	49.9	55.5	62.9	74.1	84.7	94.7	102.0	106.7	110.8	114.1	111.5
72.5°	43.9	49.4	58.3	72.0	86.2	98.6	109.2	118.2	125.6	131.2	126.5
70°	35.8	39.8	48.3	61.0	74.5	88.6	103.7	119.5	135.6	146.0	137.7
67.5°	29.3	31.5	37.9	47.7	59.6	73.0	88.4	106.3	123.6	140.3	137.2
65°	25.0	26.8	31.2	37.9	46.3	56.6	68.5	83.3	101.6	120.6	122.3
62.5°	22.3	23.5	26.5	30.7	36.0	42.7	51.9	64.3	78.6	90.3	96.5
60°	21.8	22.1	24.3	26.8	29.7	33.8	41.6	50.1	59.6	69.7	75.0
57.5°	24.0	24.4	25.9	27.0	27.7	30.8	35.6	41.1	49.7	56.0	59.9
55°	29.1	30.8	32.0	32.0	31.5	32.8	34.0	37.0	43.3	49.3	54.7
52.5°	33.2	36.7	39.6	41.6	41.8	40.4	37.9	38.9	42.4	48.4	53.3
50°	43.2	47.3	49.0	49.3	53.7	53.7	50.6	46.6	52.3	55.1	55.3
47.5°	68.7	73.1	68.8	67.5	75.3	73.3	70.2	69.9	76.7	71.1	68.8
45°	128.4	128.3	117.4	120.8	118.4	114.8	102.3	113.1	115.0	108.7	89.7
42.5°	233.2	222.8	209.3	213.2	208.3	191.6	170.5	175.9	172.4	158.6	147.4
40°	380.6	354.4	342.0	338.1	329.2	305.2	285.3	256.6	247.2	226.3	222.8
37.5°	561.6	521.7	510.1	487.0	468.7	463.8	432.6	380.4	334.4	354.3	328.9
35°	785.5	749.2	742.5	684.1	641.9	730.8	648.3	544.7	520.9	569.7	486.4
32.5°	1146.3	1305.0	1162.5	1037.0	1179.8	1199.9	1046.3	799.6	921.3	918.8	767.6
30°	2446.0	2476.4	2287.3	1938.7	2147.5	2098.0	1651.4	1592.2	1557.5	1393.8	1139.6
27.5°	4725.1	4234.0	3955.2	3766.8	3466.9	3304.3	2946.1	2576.2	2369.2	2069.6	1669.6
25°	7508.4	6819.2	6201.0	5809.2	5293.4	4770.9	4347.4	3825.0	3376.9	2896.7	2335.6
22.5°	10511.5	9698.5	8847.1	8056.1	7337.6	6610.0	5862.1	5116.7	4481.6	3857.2	3143.2
20°	13705.2	12698.5	11560.0	10573.3	9586.9	8557.8	7522.7	6623.0	5798.9	4916.3	4012.5
17.5°	17467.0	15980.0	14570.2	13291.9	11972.1	10657.9	9575.6	8444.0	7243.7	6031.6	4915.2
15°	21526.3	19722.7	17978.3	16251.9	14601.1	13166.8	11811.4	10371.8	8823.4	7268.6	5941.2
12.5°	25821.9	23555.5	21384.6	19382.7	17554.8	15807.2	14120.1	12389.7	10512.0	8668.2	7144.2
10°	30004.0	27349.9	24921.3	22616.1	20474.2	18446.3	16337.9	14244.1	12120.0	10048.2	8305.7
7.5°	33869.3	30993.8	28272.3	25536.1	22909.7	20570.1	18281.1	15981.6	13658.4	11355.2	9417.6
5°	37089.3	33833.7	30710.8	27691.6	24866.0	22495.8	20107.8	17626.3	15107.0	12578.8	10469.7
2.5°	39265.2	35945.5	32765.0	29579.2	26481.0	24043.8	21532.0	18875.6	16118.6	13386.5	11152.8
0°	40837.4	37176.4	33837.9	30560.8	27236.2	24881.2	22401.6	19743.9	16842.8	14024.8	11760.8
-2.5°	40847.8	37144.2	33805.2	30340.7	27074.9	24520.1	22100.9	19527.4	16845.5	14138.8	11899.5
-5°	40280.8	36629.4	33294.2	29913.0	26645.3	24059.7	21687.9	19228.4	16724.3	14151.5	11955.5
-7.5°	39415.8	35861.4	32522.2	29159.9	25990.7	23469.4	21180.2	18875.3	16504.1	14076.8	11935.6
-10°	38225.5	34848.1	31629.3	28292.6	25244.5	22750.2	20580.0	18437.6	16191.6	13901.6	11840.0
-12.5°	36683.3	33458.7	30466.2	27271.8	24387.9	22071.6	19957.3	17920.6	15804.5	13629.5	11672.4
-15°	34599.1	31798.1	28997.1	26102.0	23443.8	21271.9	19244.2	17258.7	15170.8	13162.5	11436.6
-17.5°	32362.5	29910.1	27408.3	24636.3	22246.2	20340.0	18418.9	16430.5	14367.9	12398.3	10814.7
-20°	29727.1	27489.5	25379.2	22978.0	20691.4	18859.8	17278.9	15468.5	13403.7	11570.0	10068.6



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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°	26614.1	24698.7	22760.3	20751.3	18881.1	17184.3	15646.0	14083.7	12274.4	10615.0	9251.4
-25°	23419.8	21739.8	20003.5	18399.3	16844.7	15313.0	13908.0	12472.6	11041.1	9621.8	8381.3
-27.5°	20307.3	18837.0	17386.7	16103.5	14848.9	13509.8	12181.1	10954.6	9849.7	8713.0	7545.0
-30°	17561.0	16607.7	15335.3	14091.8	13238.2	12059.1	10638.6	9762.2	8882.7	7901.9	6862.6
-32.5°	15813.9	14911.2	13794.8	12806.7	11929.1	10860.0	9788.6	8758.4	8052.8	7209.4	6340.8
-35°	14371.9	13539.9	12643.1	11760.9	10858.0	9954.6	9013.2	8150.6	7346.6	6584.0	5849.0
-37.5°	12984.5	12270.3	11520.7	10728.2	9949.3	9131.5	8316.7	7523.1	6736.0	6054.1	5402.5
-40°	11683.9	11069.7	10457.8	9764.8	9060.5	8341.3	7613.4	6878.1	6196.9	5551.1	4967.2
-42.5°	10478.7	9971.7	9440.6	8825.6	8186.7	7556.8	6907.3	6263.1	5654.6	5087.3	4550.6
-45°	9353.6	8911.5	8427.5	7909.0	7341.7	6786.6	6213.0	5666.6	5137.0	4632.0	4128.2
-47.5°	8306.6	7920.0	7484.1	7034.0	6549.7	6054.4	5587.3	5098.0	4639.1	4176.1	3741.1
-50°	7372.1	7044.9	6662.7	6242.1	5849.8	5432.3	5005.8	4564.5	4162.2	3772.9	3373.7
-52.5°	6612.9	6299.0	5958.9	5594.0	5228.0	4852.6	4459.0	4106.1	3747.9	3401.2	3049.6
-55°	5922.4	5641.3	5339.0	5004.1	4651.9	4347.8	4026.1	3698.4	3377.8	3055.1	2766.0
-57.5°	5346.0	5079.1	4795.1	4500.5	4196.1	3906.6	3616.3	3318.0	3039.9	2772.2	2503.6
-60°	4812.1	4561.6	4308.1	4041.1	3760.3	3484.9	3250.7	3003.5	2743.4	2515.8	2287.1
-62.5°	4328.7	4101.4	3865.5	3634.4	3399.8	3166.8	2944.3	2726.5	2505.9	2289.0	2094.2
-65°	3898.9	3705.3	3497.7	3287.1	3079.3	2875.7	2674.2	2477.6	2290.1	2108.1	1918.6
-67.5°	3472.5	3301.8	3122.6	2941.2	2764.4	2593.3	2420.0	2249.1	2077.3	1909.8	1733.1
-70°	3025.4	2884.3	2738.7	2590.5	2441.7	2294.3	2141.2	1986.9	1837.5	1689.4	1532.9
-72.5°	2555.5	2439.5	2319.8	2198.7	2079.8	1960.2	1832.3	1698.7	1569.5	1445.5	1317.4
-75°	2070.0	1974.1	1876.9	1783.0	1689.2	1596.3	1498.8	1392.5	1288.7	1187.9	1085.1
-77.5°	1577.3	1501.0	1425.6	1359.7	1293.7	1228.3	1159.3	1078.5	998.9	920.4	840.4
-80°	1091.5	1043.2	995.1	954.5	911.7	867.0	818.6	760.2	702.3	648.6	597.4
-82.5°	666.9	642.4	616.7	593.0	567.8	541.2	512.9	479.2	445.6	412.2	378.5
-85°	333.8	322.6	310.7	301.0	290.5	279.1	266.8	251.8	235.9	219.2	201.7
-87.5°	122.5	118.1	113.6	110.3	106.9	103.3	99.6	94.2	88.7	83.3	78.0
-90°	5.0	5.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P1306418 (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°	17.3	16.8	16.3	15.8	15.3	14.9	14.4	13.9	13.4	12.9	12.4
87.5°	10.5	12.0	13.5	14.7	14.0	13.3	12.7	12.1	12.1	12.0	11.8
85°	19.4	20.0	20.8	21.8	20.5	18.8	17.5	16.3	16.3	16.1	15.7
82.5°	33.1	31.4	30.4	29.8	29.3	28.2	26.5	24.1	21.5	20.2	19.6
80°	58.3	51.9	46.3	41.6	38.9	37.8	36.4	33.7	28.2	24.3	22.2
77.5°	81.0	72.2	64.2	56.4	49.7	45.1	42.6	41.1	34.5	28.3	24.2
75°	101.1	89.8	79.2	69.0	59.4	51.7	46.2	42.3	37.0	31.6	25.9
72.5°	114.5	103.0	92.0	80.3	67.8	57.5	49.4	43.4	38.0	32.5	27.1
70°	124.7	113.4	101.7	88.4	75.0	62.4	52.2	45.1	38.9	33.4	27.8
67.5°	131.6	118.0	106.4	95.0	81.2	67.5	54.7	46.8	40.5	34.1	28.5
65°	118.1	113.5	107.8	95.9	84.3	72.1	58.4	49.1	41.9	35.4	29.1
62.5°	100.5	101.1	97.7	93.9	84.6	73.2	62.0	52.6	43.6	36.6	29.9
60°	78.6	83.4	86.5	85.1	81.1	72.9	63.3	56.0	46.5	37.7	30.9
57.5°	65.1	67.0	71.9	75.4	74.2	69.7	64.1	57.7	49.2	39.7	31.9
55°	56.4	59.3	61.1	64.0	66.6	64.4	63.6	58.6	51.4	41.8	33.2
52.5°	56.1	57.1	57.5	56.7	57.9	59.9	60.9	59.7	52.4	43.7	35.5
50°	58.4	63.5	60.2	56.2	51.8	55.0	58.5	58.0	53.5	45.3	37.8
47.5°	68.9	76.1	71.9	60.5	53.7	50.9	55.5	56.3	54.6	46.3	40.2
45°	97.3	96.3	89.9	75.9	58.9	54.5	52.8	54.8	53.4	48.8	42.5
42.5°	136.1	130.6	116.7	94.2	82.3	62.1	50.8	53.2	52.3	51.6	45.0
40°	204.2	175.5	151.8	137.8	117.6	72.0	58.2	52.0	51.8	54.4	47.7
37.5°	283.9	240.9	199.8	200.7	165.8	112.1	67.9	51.5	54.9	56.7	50.6
35°	400.2	324.5	299.0	286.1	235.3	159.2	78.9	55.3	59.2	59.8	53.7
32.5°	533.9	487.0	469.8	394.3	316.6	213.2	111.5	71.0	64.8	63.5	57.0
30°	849.4	774.5	694.4	519.6	413.5	289.2	164.8	87.2	71.6	67.9	60.4
27.5°	1358.0	1115.2	970.6	723.0	532.0	376.0	231.6	103.6	79.5	73.1	63.8
25°	1906.9	1566.1	1300.4	980.3	661.5	510.3	306.8	122.0	91.7	79.4	67.5
22.5°	2526.7	2053.5	1665.9	1268.4	867.0	666.2	403.4	180.8	105.7	86.3	71.4
20°	3155.1	2548.0	2081.4	1624.0	1135.0	843.3	524.9	243.2	119.6	93.7	75.6
17.5°	3812.4	3176.7	2649.1	2030.1	1435.2	1030.0	656.5	307.8	133.3	101.4	79.9
15°	4817.6	3976.9	3258.6	2473.2	1732.8	1223.3	795.1	373.4	146.6	109.4	88.7
12.5°	5862.3	4791.7	3894.3	2942.2	2024.7	1420.2	937.4	438.7	159.6	126.1	103.2
10°	6880.5	5610.5	4543.9	3424.7	2307.9	1617.2	1079.8	524.8	198.9	149.9	118.0
7.5°	7863.5	6421.1	5193.9	3907.5	2601.6	1876.1	1338.1	658.5	243.2	174.1	132.8
5°	8747.4	7132.5	5807.7	4413.9	3002.1	2195.0	1613.8	791.6	288.2	198.3	147.6
2.5°	9341.8	7675.0	6372.0	4886.7	3384.3	2501.9	1881.7	919.8	332.8	222.2	162.1
0°	9869.0	8165.1	6890.7	5315.4	3744.2	2794.3	2133.3	1038.9	376.0	245.4	176.1
-2.5°	10002.3	8286.4	7050.9	5577.7	4047.1	3061.6	2360.5	1222.8	516.2	332.1	231.2
-5°	10065.7	8366.9	7170.5	5796.6	4321.6	3310.7	2560.3	1390.8	651.4	416.5	284.8
-7.5°	10079.1	8431.3	7234.2	5954.2	4565.7	3540.1	2730.5	1540.5	779.0	497.1	336.3
-10°	10033.0	8457.2	7216.7	5913.3	4581.0	3634.7	2844.1	1669.8	896.4	572.7	384.8
-12.5°	9925.6	8423.7	7156.5	5822.2	4526.6	3599.7	2770.7	1718.8	997.4	642.1	429.6
-15°	9760.2	8326.7	7053.7	5679.3	4437.8	3541.6	2687.5	1726.4	1059.1	702.9	470.0
-17.5°	9453.7	8163.0	6908.8	5483.3	4313.6	3459.6	2598.8	1723.7	1111.9	755.3	508.5
-20°	8803.3	7746.8	6709.9	5233.4	4153.1	3352.7	2508.7	1711.7	1155.4	800.7	544.4



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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°	8112.9	7158.2	6179.7	5013.7	3983.9	3220.3	2420.7	1691.8	1189.1	838.4	575.1
-25°	7372.0	6560.4	5622.5	4654.6	3820.0	3083.2	2354.4	1665.0	1212.8	868.1	600.1
-27.5°	6678.3	5957.5	5098.8	4300.3	3588.0	2961.5	2303.0	1681.9	1232.3	889.3	619.3
-30°	6016.9	5391.4	4679.4	3973.6	3353.0	2800.6	2248.3	1688.6	1252.9	907.0	632.2
-32.5°	5539.5	4885.0	4298.4	3706.6	3147.2	2630.4	2142.6	1682.7	1262.0	919.5	642.1
-35°	5161.8	4509.9	3942.8	3442.7	2949.0	2470.8	2017.4	1664.0	1259.4	923.2	647.0
-37.5°	4771.4	4188.2	3659.9	3198.2	2745.1	2304.6	1912.3	1582.8	1244.8	918.1	645.5
-40°	4407.4	3871.4	3396.0	2971.1	2551.3	2132.4	1799.4	1501.4	1227.3	904.2	637.6
-42.5°	4030.2	3563.9	3138.1	2739.4	2357.7	1998.9	1681.8	1414.8	1168.2	886.1	623.3
-45°	3674.8	3253.5	2876.8	2522.3	2166.6	1858.5	1580.5	1325.5	1100.3	862.1	605.6
-47.5°	3313.9	2961.2	2627.4	2301.7	2005.0	1719.0	1474.1	1245.9	1029.0	829.0	586.0
-50°	2991.8	2682.4	2389.8	2110.5	1837.2	1597.1	1367.8	1162.8	963.8	771.0	560.5
-52.5°	2717.3	2430.4	2176.6	1927.7	1695.6	1470.2	1272.6	1077.3	895.7	716.5	529.2
-55°	2470.0	2205.9	1980.2	1766.6	1557.5	1359.2	1174.0	999.0	825.0	662.0	493.4
-57.5°	2257.5	2003.3	1808.2	1616.3	1431.9	1251.5	1080.6	918.0	758.5	605.0	460.8
-60°	2058.0	1842.2	1646.7	1480.3	1313.0	1147.5	989.4	837.2	691.4	547.4	419.9
-62.5°	1892.3	1686.7	1505.3	1350.7	1199.0	1048.3	897.0	759.4	621.7	493.7	374.9
-65°	1727.7	1542.3	1366.5	1229.3	1089.2	946.8	808.8	679.1	554.2	437.3	330.6
-67.5°	1559.2	1393.6	1241.2	1109.2	974.3	843.0	717.3	598.0	485.0	378.3	291.6
-70°	1380.7	1239.1	1103.2	975.3	852.9	734.6	621.2	514.5	412.9	327.6	250.8
-72.5°	1186.6	1062.6	946.0	834.8	724.0	619.3	521.1	430.2	349.1	275.0	208.1
-75°	978.4	874.8	776.3	681.6	588.3	500.7	423.7	352.0	283.3	220.5	169.5
-77.5°	755.3	674.3	597.9	526.9	455.4	389.0	328.1	271.5	218.5	172.9	131.7
-80°	540.3	484.4	429.8	376.3	323.4	274.9	236.6	199.5	160.6	125.1	93.0
-82.5°	338.1	304.1	272.7	242.4	212.2	183.3	155.8	129.5	101.6	76.2	61.4
-85°	182.0	162.9	144.4	126.6	108.3	90.9	82.3	73.8	63.5	54.0	45.3
-87.5°	74.1	70.2	66.3	62.3	57.6	52.9	48.4	44.0	38.5	33.5	28.9
-90°	6.4	6.9	7.4	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.9	11.4	10.9	10.4	9.9	8.9	7.9
87.5°	11.5	10.6	9.8	9.1	8.6	8.2	7.9
85°	15.1	13.2	11.7	10.3	9.3	8.5	7.9
82.5°	18.6	15.9	13.5	11.6	10.0	8.8	7.9
80°	21.7	18.5	15.4	12.7	10.6	9.1	7.9
77.5°	22.1	20.2	17.2	13.9	11.3	9.4	7.9
75°	22.4	20.3	18.6	15.1	12.0	9.7	7.9
72.5°	22.7	20.3	18.5	16.2	12.6	10.0	7.9
70°	23.0	20.3	18.4	17.0	13.2	10.3	7.9
67.5°	23.8	20.3	18.2	16.8	13.8	10.5	7.9
65°	24.6	20.6	18.0	16.6	14.4	10.8	7.9
62.5°	25.3	21.3	17.8	16.3	15.0	11.1	7.9
60°	26.1	22.0	17.5	16.0	15.5	11.3	7.9
57.5°	27.3	22.6	18.0	15.8	15.4	11.6	7.9
55°	28.5	23.3	18.6	15.4	15.3	11.8	7.9
52.5°	29.8	24.0	19.1	15.1	15.3	12.0	7.9
50°	31.0	25.1	19.6	14.8	15.2	12.2	7.9
47.5°	32.4	26.2	20.0	14.6	15.2	12.4	7.9
45°	34.5	27.2	20.5	14.9	15.2	12.6	7.9
42.5°	36.5	28.3	20.9	15.2	15.2	12.8	7.9
40°	38.4	29.3	21.5	15.8	15.2	13.0	7.9
37.5°	40.3	30.4	22.3	16.6	15.3	13.1	7.9
35°	42.2	31.7	23.0	17.5	15.4	13.3	7.9
32.5°	44.3	33.1	23.7	18.4	15.5	13.4	7.9
30°	46.8	34.5	24.4	19.3	15.6	13.5	7.9
27.5°	49.4	35.8	26.3	20.2	15.7	13.6	7.9
25°	51.9	37.0	28.5	21.1	15.9	13.7	7.9
22.5°	54.5	39.2	30.8	22.1	16.0	13.8	7.9
20°	57.0	44.2	33.1	23.0	16.2	13.8	7.9
17.5°	63.7	49.4	35.5	23.9	16.4	13.9	7.9
15°	73.0	54.8	38.0	24.9	16.6	13.9	7.9
12.5°	82.4	60.3	40.4	25.8	16.8	14.0	7.9
10°	92.0	65.9	42.8	26.6	17.0	14.0	7.9
7.5°	101.5	71.4	45.1	27.5	17.2	14.0	7.9
5°	110.8	76.9	47.4	28.3	17.4	14.0	7.9
2.5°	119.9	82.1	49.5	29.0	17.6	13.9	7.9
0°	128.6	87.1	51.5	29.7	17.8	13.9	7.9
-2.5°	162.0	105.8	61.5	34.1	19.1	14.2	7.9
-5°	194.4	123.9	71.2	38.4	20.4	14.4	7.9
-7.5°	225.4	141.2	80.6	42.5	21.6	14.6	7.9
-10°	254.6	157.5	89.4	46.3	22.8	14.8	7.9
-12.5°	281.6	172.7	97.6	49.9	23.9	15.0	7.9
-15°	305.9	186.4	105.0	53.2	24.9	15.2	7.9
-17.5°	327.2	198.6	111.7	56.2	25.9	15.3	7.9
-20°	348.1	209.1	117.4	58.7	26.8	15.5	7.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	370.2	217.6	122.1	60.8	27.5	15.6	7.9
-25°	388.5	228.8	125.7	62.4	28.2	15.6	7.9
-27.5°	402.9	239.5	128.2	63.6	28.8	15.7	7.9
-30°	412.9	247.5	129.9	64.2	29.2	15.7	7.9
-32.5°	418.6	252.8	133.9	64.2	29.5	15.7	7.9
-35°	423.1	255.2	136.3	63.6	29.7	15.7	7.9
-37.5°	424.8	255.8	137.1	62.5	29.8	15.6	7.9
-40°	422.0	255.9	136.2	60.8	29.7	15.6	7.9
-42.5°	414.9	253.4	135.0	59.1	29.5	15.4	7.9
-45°	403.3	248.2	133.7	58.1	29.1	15.3	7.9
-47.5°	387.4	240.3	131.0	56.2	28.6	15.1	7.9
-50°	372.6	229.8	126.9	55.7	28.0	14.9	7.9
-52.5°	355.0	216.8	121.4	55.1	27.2	14.7	7.9
-55°	333.8	205.7	114.6	53.8	26.3	14.5	7.9
-57.5°	309.1	193.4	106.5	51.9	25.3	14.2	7.9
-60°	282.0	179.2	97.3	49.4	24.1	13.9	7.9
-62.5°	259.2	163.2	90.8	46.3	23.2	13.6	7.9
-65°	233.9	145.4	83.3	42.7	22.3	13.2	7.9
-67.5°	206.2	128.5	74.8	38.6	21.3	12.9	7.9
-70°	176.5	112.7	65.4	34.0	20.2	12.5	7.9
-72.5°	150.0	95.6	55.2	31.1	19.0	12.1	7.9
-75°	122.7	77.5	44.4	28.4	17.8	11.6	7.9
-77.5°	94.0	58.4	38.3	25.7	16.6	11.2	7.9
-80°	64.2	46.2	33.1	22.8	15.3	10.8	7.9
-82.5°	49.8	37.7	27.7	19.8	14.0	10.3	7.9
-85°	37.3	29.1	22.2	16.7	12.6	9.8	7.9
-87.5°	24.7	20.3	16.6	13.6	11.3	9.4	7.9
-90°	7.9	7.9	7.9	7.9	7.9	7.9	7.9

(END OF REPORT)