

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: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

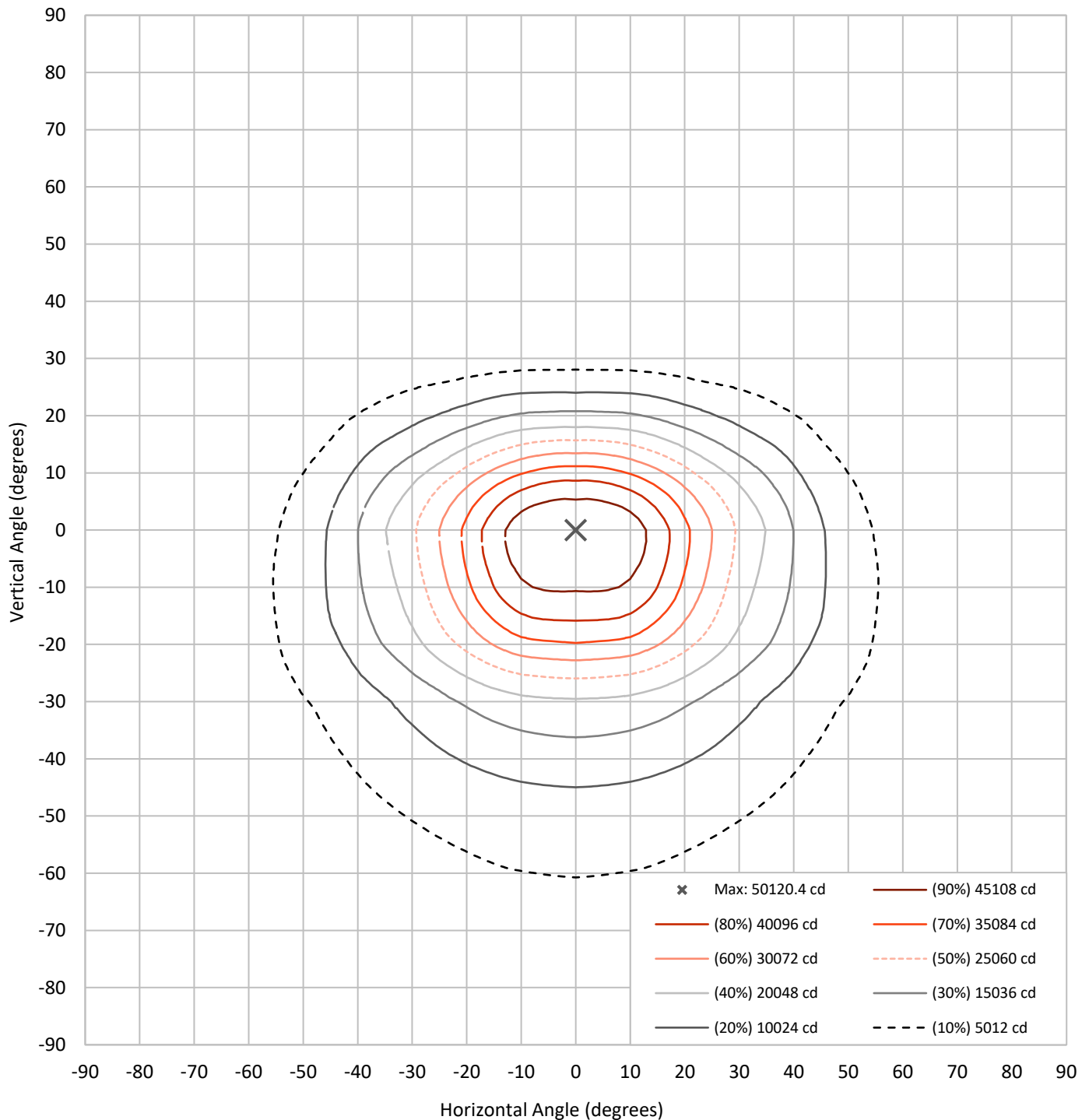
Test Method: LM-79-08
Report Number: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 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:	43849.5 lumens	Max Intensity:	50120.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.7 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:	21257.8 lumens	Field Lumens:	39825.7 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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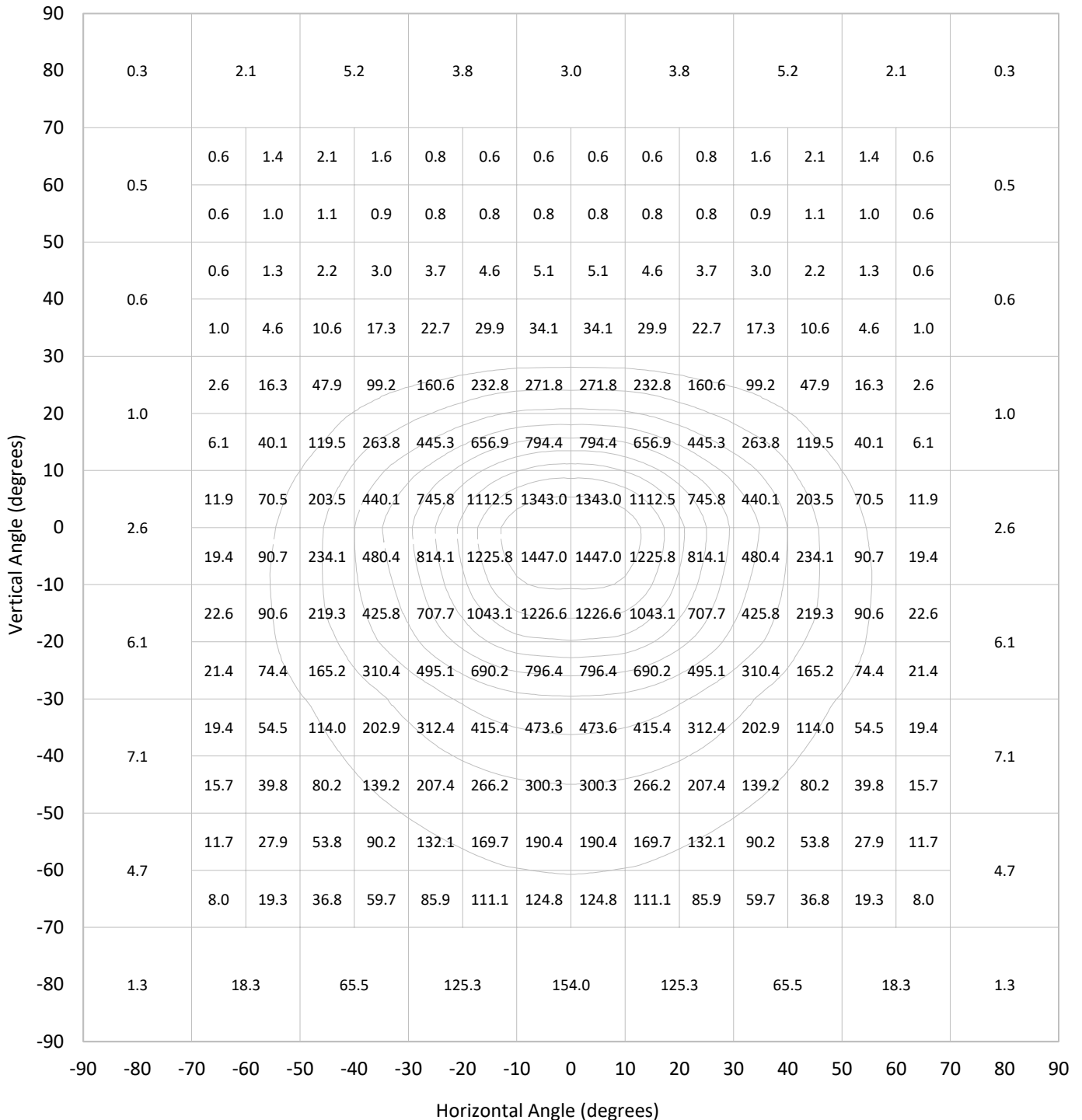
Iso-Candela Plot





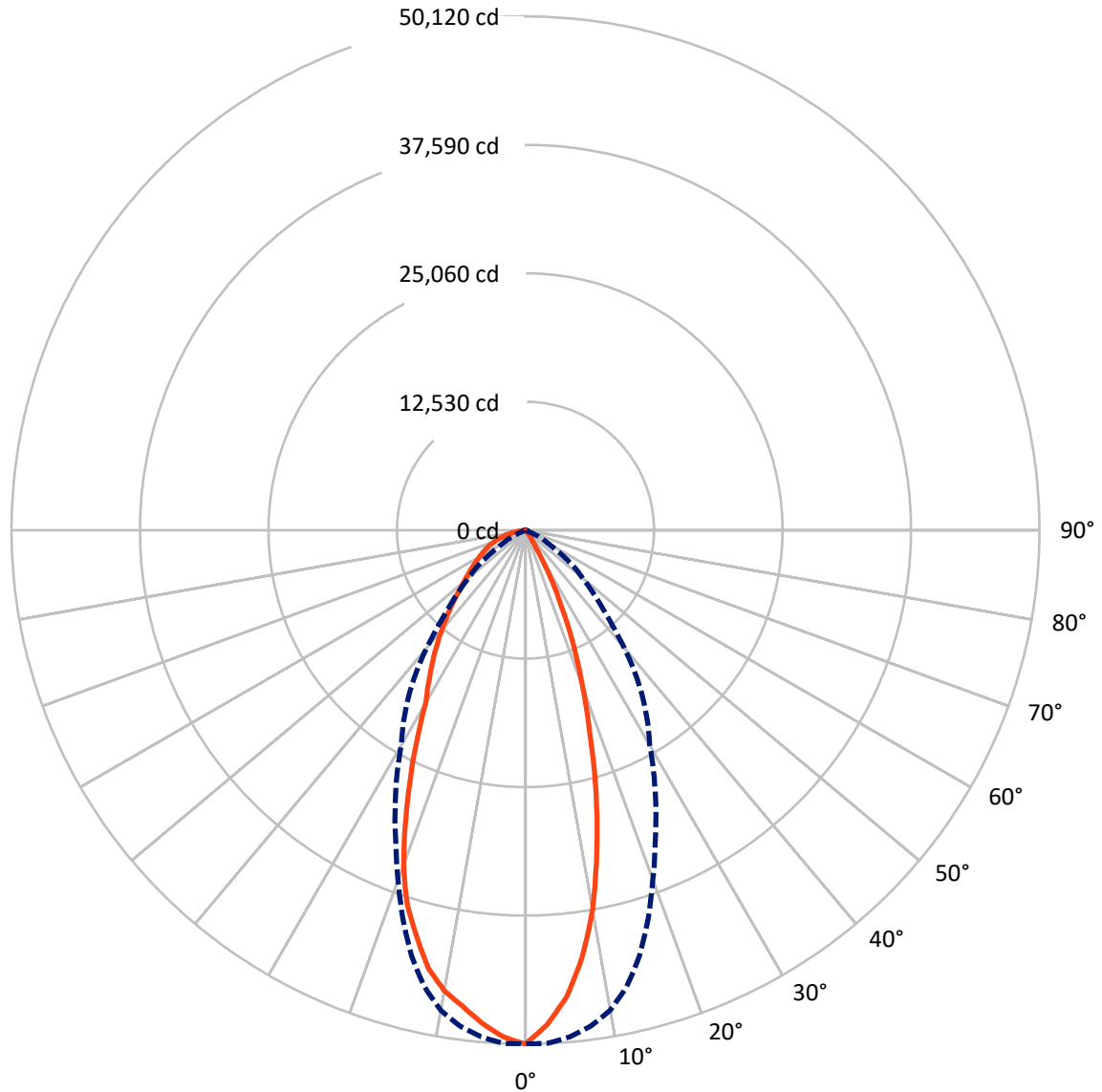
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Lumen Table



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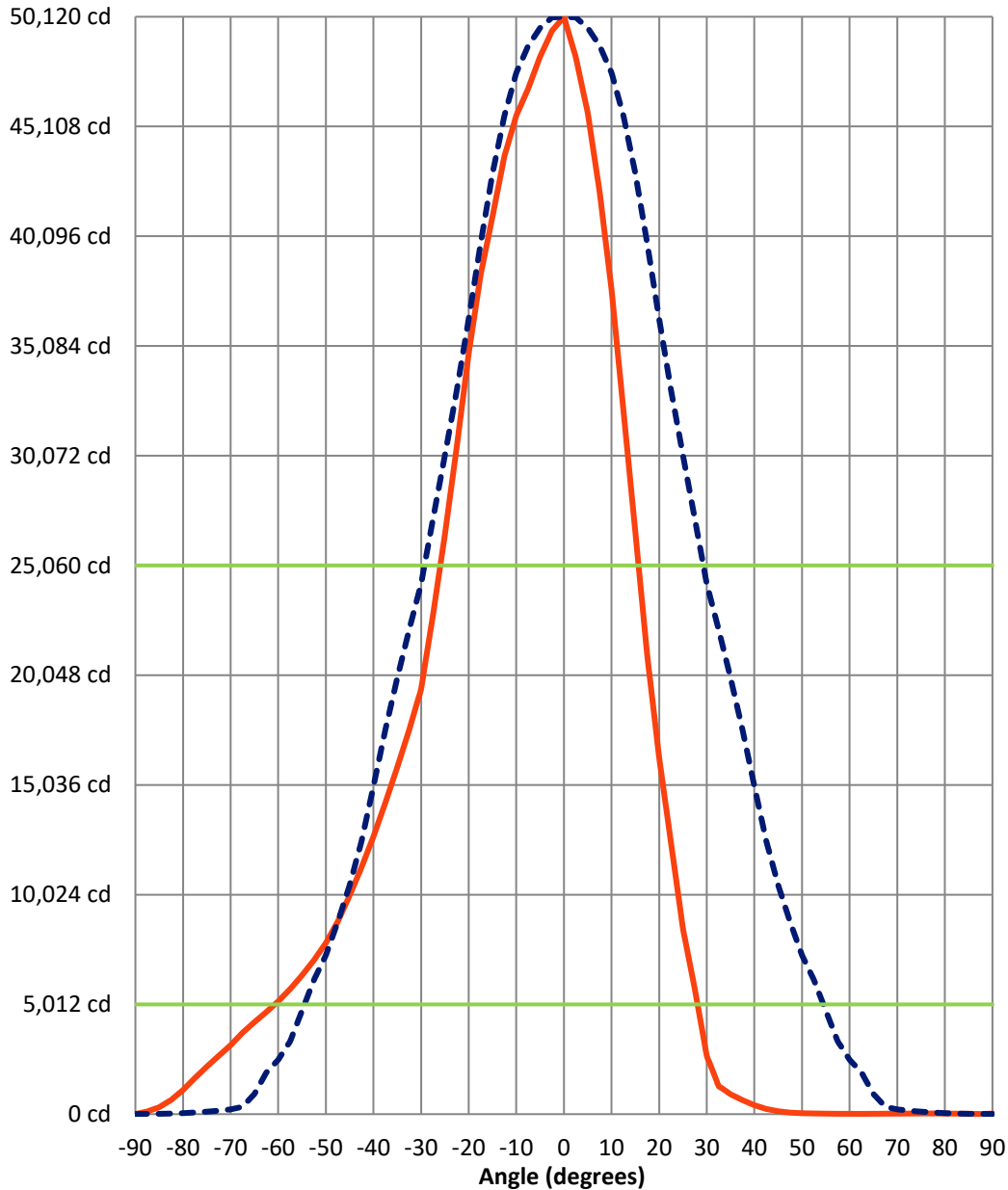
Luminous Intensity Polar Plot



— 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: 21257.8
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 39825.7
 Efficiency: 90.8%

Spill:
 Lumens: 4023.8
 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°	7.0	7.9	8.8	9.3	9.7	10.2	10.6	11.0	11.5	11.9	12.3
87.5°	7.0	7.3	7.6	8.1	8.7	9.4	10.2	10.5	10.6	10.7	10.7
85°	7.0	7.5	8.2	9.2	10.4	11.8	13.4	13.9	14.3	14.4	14.5
82.5°	7.0	7.8	8.8	10.3	12.0	14.1	16.6	17.4	17.9	19.1	21.4
80°	7.0	8.1	9.5	11.3	13.7	16.5	19.3	19.8	21.6	25.1	30.0
77.5°	7.0	8.3	10.1	12.4	15.3	18.0	19.7	21.5	25.2	30.7	36.5
75°	7.0	8.6	10.6	13.4	16.6	18.0	20.0	23.0	28.2	32.9	37.6
72.5°	7.0	8.9	11.2	14.4	16.5	18.1	20.2	24.1	29.0	33.8	38.6
70°	7.0	9.1	11.8	15.2	16.3	18.1	20.5	24.8	29.7	34.6	40.1
67.5°	7.0	9.3	12.3	15.0	16.2	18.0	21.1	25.3	30.3	36.0	41.6
65°	7.0	9.6	12.9	14.7	16.0	18.3	21.8	25.8	31.5	37.3	43.6
62.5°	7.0	9.8	13.4	14.5	15.8	18.9	22.5	26.6	32.6	38.8	46.8
60°	7.0	10.0	13.9	14.3	15.5	19.5	23.1	27.5	33.5	41.4	49.8
57.5°	7.0	10.3	13.7	14.0	16.0	20.1	24.2	28.4	35.3	43.8	51.3
55°	7.0	10.5	13.7	13.7	16.5	20.7	25.3	29.6	37.2	45.7	52.1
52.5°	7.0	10.7	13.6	13.4	16.9	21.3	26.5	31.6	38.9	46.6	53.0
50°	7.0	10.8	13.5	13.1	17.4	22.3	27.6	33.7	40.3	47.6	51.6
47.5°	7.0	11.0	13.5	12.9	17.8	23.3	28.8	35.8	41.2	48.5	50.0
45°	7.0	11.2	13.5	13.2	18.2	24.2	30.7	37.8	43.4	47.5	48.7
42.5°	7.0	11.4	13.5	13.5	18.6	25.2	32.4	40.0	45.9	46.5	47.3
40°	7.0	11.5	13.5	14.0	19.1	26.1	34.2	42.4	48.3	46.1	46.3
37.5°	7.0	11.6	13.6	14.8	19.8	27.0	35.9	45.0	50.5	48.8	45.8
35°	7.0	11.8	13.6	15.5	20.5	28.2	37.6	47.8	53.2	52.7	49.2
32.5°	7.0	11.9	13.7	16.3	21.1	29.4	39.4	50.7	56.5	57.7	63.2
30°	7.0	12.0	13.8	17.1	21.7	30.7	41.6	53.7	60.4	63.7	77.5
27.5°	7.0	12.1	13.9	17.9	23.4	31.8	43.9	56.7	65.0	70.7	92.1
25°	7.0	12.1	14.1	18.8	25.3	32.9	46.2	60.0	70.6	81.5	108.4
22.5°	7.0	12.2	14.2	19.6	27.4	34.9	48.5	63.5	76.7	94.0	160.8
20°	7.0	12.3	14.4	20.4	29.5	39.3	50.7	67.2	83.3	106.3	216.2
17.5°	7.0	12.3	14.6	21.3	31.6	43.9	56.6	71.1	90.2	118.5	273.7
15°	7.0	12.3	14.7	22.1	33.8	48.7	64.9	78.8	97.3	130.4	332.0
12.5°	7.0	12.4	14.9	22.9	35.9	53.6	73.3	91.8	112.1	141.9	390.1
10°	7.0	12.4	15.1	23.7	38.0	58.6	81.8	104.9	133.3	176.8	466.6
7.5°	7.0	12.4	15.3	24.4	40.1	63.5	90.3	118.1	154.8	216.3	585.6
5°	7.0	12.4	15.5	25.1	42.1	68.3	98.6	131.3	176.3	256.3	704.0
2.5°	7.0	12.3	15.6	25.8	44.0	73.0	106.7	144.1	197.6	295.9	818.0
0°	7.0	12.3	15.8	26.4	45.8	77.4	114.4	156.6	218.2	334.4	923.9
-2.5°	7.0	12.5	16.9	30.3	54.7	94.0	144.1	205.6	295.3	459.0	1087.4
-5°	7.0	12.7	18.1	34.1	63.3	110.1	172.9	253.3	370.3	579.2	1236.8
-7.5°	7.0	12.9	19.2	37.7	71.6	125.5	200.5	299.0	442.0	692.7	1369.9
-10°	7.0	13.1	20.2	41.2	79.5	140.0	226.4	342.2	509.2	797.1	1484.9
-12.5°	7.0	13.3	21.2	44.4	86.8	153.5	250.4	382.0	570.9	886.9	1528.4
-15°	7.0	13.5	22.1	47.3	93.4	165.8	272.0	418.0	625.0	941.8	1535.2
-17.5°	7.0	13.6	23.0	49.9	99.3	176.6	291.0	452.2	671.7	988.7	1532.8
-20°	7.0	13.7	23.8	52.2	104.4	185.9	309.5	484.1	712.0	1027.4	1522.1



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 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.0	13.8	24.5	54.0	108.6	193.5	329.2	511.4	745.6	1057.4	1504.4
-25°	7.0	13.9	25.1	55.5	111.8	203.5	345.5	533.7	772.0	1078.4	1480.6
-27.5°	7.0	13.9	25.6	56.5	114.0	213.0	358.2	550.7	790.8	1095.8	1495.6
-30°	7.0	13.9	26.0	57.0	115.5	220.1	367.2	562.1	806.6	1114.2	1501.6
-32.5°	7.0	13.9	26.2	57.0	119.0	224.8	372.3	571.0	817.6	1122.3	1496.4
-35°	7.0	13.9	26.4	56.6	121.2	226.9	376.3	575.3	821.0	1119.9	1479.8
-37.5°	7.0	13.9	26.5	55.6	121.9	227.4	377.7	574.0	816.5	1107.0	1407.5
-40°	7.0	13.8	26.4	54.0	121.1	227.6	375.3	567.0	804.0	1091.4	1335.2
-42.5°	7.0	13.7	26.2	52.5	120.0	225.3	368.9	554.3	788.0	1038.8	1258.1
-45°	7.0	13.6	25.9	51.6	118.8	220.7	358.6	538.6	766.6	978.4	1178.8
-47.5°	7.0	13.4	25.4	50.0	116.4	213.7	344.5	521.1	737.2	915.0	1108.0
-50°	7.0	13.3	24.9	49.5	112.8	204.4	331.3	498.4	685.6	857.0	1034.0
-52.5°	7.0	13.1	24.2	49.0	107.9	192.8	315.7	470.6	637.2	796.5	958.0
-55°	7.0	12.8	23.4	47.9	101.9	182.9	296.8	438.8	588.8	733.6	888.4
-57.5°	7.0	12.6	22.5	46.2	94.7	172.0	274.9	409.8	538.0	674.5	816.3
-60°	7.0	12.3	21.5	44.0	86.5	159.4	250.8	373.4	486.8	614.8	744.5
-62.5°	7.0	12.0	20.7	41.2	80.8	145.1	230.5	333.4	439.1	552.9	675.3
-65°	7.0	11.7	19.8	38.0	74.1	129.3	208.0	294.0	388.9	492.9	603.8
-67.5°	7.0	11.4	18.9	34.4	66.5	114.3	183.4	259.4	336.4	431.3	531.7
-70°	7.0	11.1	18.0	30.3	58.2	100.3	157.0	223.0	291.4	367.2	457.5
-72.5°	7.0	10.7	16.9	27.7	49.2	85.1	133.5	185.1	244.6	310.5	382.6
-75°	7.0	10.3	15.9	25.3	39.5	69.0	109.2	150.8	196.2	251.9	313.1
-77.5°	7.0	10.0	14.8	22.8	34.1	52.0	83.7	117.2	153.8	194.3	241.4
-80°	7.0	9.6	13.6	20.3	29.4	41.1	57.2	82.7	111.3	142.9	177.4
-82.5°	7.0	9.2	12.4	17.6	24.6	33.6	44.4	54.7	67.9	90.4	115.2
-85°	7.0	8.7	11.2	14.8	19.7	25.9	33.3	40.3	48.0	56.5	65.7
-87.5°	7.0	8.3	10.0	12.1	14.7	18.0	22.0	25.7	29.8	34.3	39.1
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



REPORT NUMBER: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.8	13.2	13.7	14.1	14.5	15.0	15.4	15.8	16.7	17.6	18.5
87.5°	11.3	11.8	12.4	13.1	12.0	10.7	9.3	7.8	8.2	8.7	9.1
85°	15.5	16.7	18.2	19.4	18.5	17.8	17.2	16.9	17.8	18.6	19.2
82.5°	23.5	25.1	26.1	26.5	27.1	27.9	29.5	32.6	34.5	35.7	36.2
80°	32.4	33.6	34.6	37.0	41.2	46.2	51.9	58.1	59.9	59.5	58.4
77.5°	37.9	40.1	44.3	50.3	57.2	64.2	72.0	80.5	82.7	81.7	79.9
75°	41.1	46.0	52.9	61.4	70.5	79.9	90.0	99.2	101.5	98.5	94.9
72.5°	43.9	51.1	60.3	71.4	81.8	91.6	101.8	112.5	116.6	111.7	105.1
70°	46.4	55.5	66.7	78.6	90.5	100.8	110.9	122.4	129.8	120.6	106.2
67.5°	48.6	60.0	72.2	84.5	94.6	104.9	117.0	122.0	124.8	109.9	94.5
65°	51.9	64.1	75.0	85.3	95.9	101.0	105.0	108.7	107.2	90.4	74.1
62.5°	55.1	65.1	75.2	83.5	86.9	89.9	89.4	85.8	80.4	69.9	57.2
60°	56.3	64.8	72.2	75.7	76.9	74.1	69.9	66.7	62.0	53.0	44.6
57.5°	57.0	61.9	66.1	67.1	63.9	59.5	57.9	53.3	49.9	44.2	36.6
55°	56.5	57.3	59.3	56.9	54.3	52.7	50.1	48.7	43.8	38.5	32.9
52.5°	54.2	53.4	51.5	50.4	51.1	50.8	49.9	47.4	43.0	37.7	34.5
50°	52.1	48.9	46.0	50.0	53.5	56.5	52.0	49.2	49.0	46.6	41.4
47.5°	49.4	45.2	47.7	53.7	63.9	67.7	61.4	61.2	63.3	68.2	62.1
45°	46.9	48.4	52.4	67.5	79.9	85.7	86.6	79.8	96.7	102.3	100.6
42.5°	45.2	55.2	73.2	83.8	103.8	116.2	121.1	131.1	141.1	153.3	156.4
40°	51.7	64.0	104.6	122.6	135.0	156.1	181.6	198.2	201.3	219.8	228.2
37.5°	60.4	99.6	147.5	178.5	177.7	214.3	252.5	292.5	315.1	297.4	338.2
35°	70.1	141.6	209.3	254.4	265.9	288.6	355.9	432.6	506.7	463.3	484.4
32.5°	99.1	189.6	281.5	350.6	417.8	433.1	474.9	682.6	817.1	819.2	711.1
30°	146.5	257.2	367.7	462.1	617.4	688.7	755.4	1013.4	1239.5	1385.0	1415.9
27.5°	206.0	334.4	473.1	642.9	863.1	991.8	1207.6	1484.7	1840.4	2106.8	2290.9
25°	272.8	453.8	588.2	871.6	1156.4	1392.7	1695.7	2077.0	2575.9	3002.9	3401.4
22.5°	358.7	592.5	771.0	1127.9	1481.4	1826.1	2246.9	2795.2	3430.0	3985.2	4550.0
20°	466.8	750.0	1009.3	1444.0	1850.9	2265.8	2805.7	3568.1	4371.8	5156.7	5889.5
17.5°	583.8	915.9	1276.2	1805.2	2355.8	2824.9	3390.2	4370.9	5363.6	6441.5	7508.8
15°	707.0	1087.8	1540.8	2199.3	2897.7	3536.4	4284.1	5283.3	6463.6	7846.2	9223.2
12.5°	833.5	1262.9	1800.4	2616.3	3463.0	4261.1	5213.1	6353.1	7708.3	9347.9	11017.6
10°	960.2	1438.1	2052.2	3045.4	4040.7	4989.1	6118.6	7385.9	8935.4	10777.8	12666.6
7.5°	1189.9	1668.3	2313.4	3474.7	4618.7	5710.0	6992.7	8374.7	10097.6	12145.8	14211.7
5°	1435.1	1951.9	2669.6	3925.0	5164.5	6342.6	7778.7	9310.3	11185.7	13434.0	15674.3
2.5°	1673.3	2224.7	3009.5	4345.6	5666.3	6825.1	8307.2	9917.7	11904.0	14333.6	16785.2
0°	1897.0	2484.8	3329.5	4726.8	6127.6	7260.9	8776.0	10458.4	12471.6	14977.5	17557.4
-2.5°	2099.0	2722.5	3598.8	4960.0	6270.0	7368.7	8894.6	10581.8	12573.0	14979.9	17364.8
-5°	2276.8	2944.1	3842.9	5154.7	6376.4	7440.3	8950.9	10631.5	12584.3	14872.1	17098.9
-7.5°	2428.1	3148.1	4060.1	5294.8	6433.0	7497.6	8962.9	10613.8	12517.9	14676.3	16784.9
-10°	2529.1	3232.2	4073.7	5258.4	6417.5	7520.6	8921.9	10528.8	12362.1	14398.4	16395.8
-12.5°	2463.8	3201.0	4025.2	5177.4	6364.0	7490.8	8826.4	10379.7	12120.1	14054.2	15936.1
-15°	2389.9	3149.4	3946.3	5050.3	6272.6	7404.6	8679.3	10170.0	11704.8	13490.7	15347.4
-17.5°	2311.0	3076.4	3835.9	4876.1	6143.7	7259.0	8406.8	9617.0	11025.2	12776.7	14610.9
-20°	2230.9	2981.4	3693.2	4653.8	5966.8	6889.0	7828.4	8953.6	10288.7	11919.3	13755.4



REPORT NUMBER: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2152.6	2863.7	3542.7	4458.5	5495.3	6365.5	7214.4	8226.9	9439.5	10915.0	12524.0
-25°	2093.7	2741.8	3396.9	4139.2	4999.9	5833.9	6555.6	7453.1	8556.2	9818.4	11091.3
-27.5°	2048.0	2633.6	3190.6	3824.1	4534.2	5297.8	5938.8	6709.4	7748.1	8758.9	9741.5
-30°	1999.3	2490.5	2981.7	3533.5	4161.2	4794.4	5350.6	6102.7	7026.8	7899.1	8681.1
-32.5°	1905.3	2339.2	2798.7	3296.1	3822.4	4344.1	4926.1	5638.7	6411.0	7161.1	7788.4
-35°	1793.9	2197.2	2622.4	3061.4	3506.2	4010.5	4590.2	5201.3	5854.9	6533.0	7248.0
-37.5°	1700.5	2049.4	2441.1	2844.0	3254.6	3724.4	4243.0	4804.2	5383.6	5990.0	6689.9
-40°	1600.1	1896.2	2268.8	2642.1	3020.0	3442.6	3919.3	4417.1	4936.4	5510.7	6116.4
-42.5°	1495.5	1777.5	2096.6	2436.1	2790.6	3169.2	3583.9	4046.6	4523.9	5028.5	5569.5
-45°	1405.5	1652.7	1926.6	2243.0	2558.3	2893.2	3267.8	3671.0	4119.0	4568.1	5039.1
-47.5°	1310.8	1528.6	1783.0	2046.8	2336.5	2633.3	2946.9	3326.8	3713.6	4125.3	4533.4
-50°	1216.3	1420.3	1633.7	1876.8	2125.2	2385.4	2660.5	3000.1	3355.1	3701.2	4058.9
-52.5°	1131.7	1307.4	1507.8	1714.2	1935.6	2161.3	2416.4	2711.9	3024.6	3332.8	3651.4
-55°	1044.0	1208.7	1385.0	1570.9	1760.9	1961.6	2196.5	2459.7	2716.8	3003.7	3288.8
-57.5°	960.9	1112.9	1273.3	1437.3	1607.9	1781.4	2007.5	2226.3	2465.2	2703.3	2950.6
-60°	879.8	1020.4	1167.6	1316.3	1464.3	1638.2	1830.1	2033.7	2237.1	2439.6	2670.9
-62.5°	797.6	932.2	1066.2	1201.2	1338.6	1499.9	1682.7	1862.2	2035.5	2228.3	2424.6
-65°	719.2	841.9	968.5	1093.2	1215.2	1371.6	1536.4	1706.2	1874.7	2036.5	2203.2
-67.5°	637.8	749.7	866.4	986.3	1103.7	1239.3	1386.5	1541.2	1698.3	1847.3	2000.1
-70°	552.4	653.2	758.4	867.3	981.1	1101.9	1227.8	1363.2	1502.3	1634.0	1766.9
-72.5°	463.4	550.7	643.8	742.3	841.2	945.0	1055.2	1171.5	1285.4	1395.7	1510.6
-75°	376.8	445.3	523.1	606.1	690.3	777.9	870.0	964.9	1056.4	1146.0	1238.3
-77.5°	291.7	346.0	405.0	468.5	531.6	599.6	671.7	747.4	818.5	888.3	959.0
-80°	210.4	244.5	287.6	334.7	382.2	430.7	480.4	531.2	576.7	624.5	676.0
-82.5°	138.6	163.0	188.7	215.5	242.5	270.4	300.6	336.5	366.5	396.2	426.1
-85°	73.2	80.8	96.2	112.5	128.4	144.8	161.8	179.3	194.9	209.7	223.8
-87.5°	43.0	47.1	51.2	55.4	58.9	62.4	65.9	69.3	74.1	78.9	83.7
-90°	7.0	7.0	7.0	7.0	6.6	6.2	5.7	5.3	5.3	5.3	5.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	19.4	20.3	21.2	22.0	22.9	23.3	23.8	24.2	24.6	25.1	25.5
87.5°	9.6	9.4	9.1	8.8	8.5	10.5	12.7	14.9	17.1	15.6	13.9
85°	19.5	19.5	19.3	19.1	18.8	21.7	24.7	27.7	30.7	28.1	25.2
82.5°	36.1	35.4	34.1	32.4	30.2	29.9	29.3	28.3	27.0	25.8	24.7
80°	56.7	54.1	50.7	46.6	41.9	39.4	36.9	34.2	31.3	30.4	29.7
77.5°	76.8	71.6	65.6	59.1	52.1	47.7	43.8	39.6	35.2	34.0	33.3
75°	90.7	84.2	75.3	65.9	56.0	49.4	44.4	39.5	34.7	32.9	31.9
72.5°	97.1	87.6	76.7	64.0	51.9	43.9	39.1	34.6	30.4	28.7	27.9
70°	92.2	78.7	66.3	54.3	42.9	35.4	31.8	28.8	26.3	25.0	24.3
67.5°	78.6	64.9	53.0	42.5	33.7	28.0	26.0	24.3	22.7	21.8	21.5
65°	60.9	50.3	41.2	33.7	27.7	23.8	22.2	20.8	19.4	18.5	18.2
62.5°	46.2	38.0	32.0	27.3	23.6	21.0	19.8	18.8	18.0	17.5	17.0
60°	37.0	30.1	26.4	23.9	21.6	19.7	19.4	19.2	19.0	18.6	17.9
57.5°	31.6	27.4	24.6	24.0	23.1	21.7	21.4	21.3	20.6	19.3	18.7
55°	30.2	29.2	28.0	28.5	28.5	27.4	25.8	24.7	23.7	22.7	22.8
52.5°	33.7	36.0	37.2	37.0	35.3	32.6	29.6	30.0	30.6	31.1	31.6
50°	45.0	47.7	47.7	43.9	43.6	42.1	38.5	40.1	42.4	42.9	43.2
47.5°	62.4	65.2	67.0	60.1	61.3	65.0	61.0	59.9	67.3	70.7	72.3
45°	91.0	102.1	105.3	107.4	104.4	114.1	114.2	109.7	124.1	132.0	134.7
42.5°	151.6	170.4	185.2	189.6	186.1	198.2	207.4	206.7	224.9	237.8	241.3
40°	253.6	271.4	292.7	300.6	304.1	315.1	338.5	353.5	371.8	392.0	402.2
37.5°	384.6	412.4	416.8	433.1	453.6	463.9	499.4	529.7	554.5	592.3	616.6
35°	576.5	649.9	570.8	608.3	660.3	666.2	698.5	768.5	786.0	852.2	888.8
32.5°	930.5	1067.0	1049.2	922.1	1033.8	1160.5	1019.4	1270.4	1247.9	1318.6	1408.4
30°	1468.5	1865.7	1909.7	1724.0	2033.9	2202.2	2175.2	2425.3	2585.5	2565.6	2876.8
27.5°	2619.9	2938.4	3083.0	3349.7	3517.1	3765.1	4201.8	4456.3	4913.8	5153.9	5441.9
25°	3866.0	4242.5	4707.2	5165.9	5514.3	6064.1	6676.9	7158.7	7806.4	8212.7	8508.8
22.5°	5212.9	5878.0	6525.0	7164.0	7867.3	8624.4	9347.4	10182.4	10970.6	11552.6	11992.6
20°	6689.6	7610.1	8525.3	9402.4	10279.8	11292.2	12187.5	13190.9	14159.1	15000.9	15580.6
17.5°	8515.1	9477.6	10646.2	11819.9	12956.7	14210.3	15532.7	16657.9	18015.6	19136.9	19980.4
15°	10503.4	11708.6	12984.1	14452.1	15987.4	17538.5	19142.4	20796.5	22342.2	23775.9	24849.8
12.5°	12556.4	14056.6	15610.8	17236.2	19016.4	20946.8	22962.2	24931.1	26842.2	28418.1	29891.4
10°	14528.6	16403.5	18206.8	20111.5	22161.4	24321.0	26681.2	29026.3	31247.5	33188.7	34774.2
7.5°	16256.6	18292.1	20372.6	22708.1	25141.3	27561.5	30118.5	32749.1	35277.2	37514.7	39368.3
5°	17880.9	20004.5	22112.2	24624.9	27309.7	30086.8	32981.8	35937.0	38666.4	41196.0	43248.9
2.5°	19147.5	21381.1	23548.3	26303.4	29136.5	31964.7	34916.8	38147.7	41192.3	43942.1	45956.4
0°	19920.8	22125.8	24219.9	27176.3	30090.5	33059.3	36314.9	39753.5	42959.8	45594.2	47556.4
-2.5°	19653.3	21804.7	24076.5	26980.6	30061.5	33030.6	36324.1	39794.3	42979.8	45656.8	47572.9
-5°	19286.1	21395.2	23694.5	26600.3	29607.1	32572.9	35819.9	39232.6	42361.1	44994.7	46809.3
-7.5°	18834.6	20870.3	23112.4	25930.5	28920.6	31889.9	35050.6	38279.6	41271.7	43889.5	45597.2
-10°	18300.8	20230.7	22448.8	25159.3	28126.5	30988.9	33992.2	37190.2	40193.0	42573.7	44406.5
-12.5°	17747.1	19627.2	21687.1	24251.6	27092.2	29753.3	32620.8	35700.4	38345.9	40780.5	42391.1
-15°	17113.0	18916.1	20847.5	23211.3	25785.9	28276.7	30767.4	33483.2	35897.2	38062.0	39773.4
-17.5°	16379.1	18087.5	19782.6	21908.0	24373.0	26597.7	28778.5	31143.4	33289.3	35276.9	36758.5
-20°	15365.4	16771.2	18400.0	20433.3	22568.6	24445.2	26435.0	28421.5	30332.0	32014.5	33269.2



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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°	13913.3	15281.3	16790.2	18453.2	20239.8	21963.4	23666.7	25292.0	26846.4	28246.5	29256.4
-25°	12367.7	13617.2	14979.3	16361.7	17788.2	19332.2	20826.1	22167.8	23445.9	24527.8	25359.6
-27.5°	10832.1	12013.7	13204.6	14320.2	15461.2	16750.9	18058.4	19181.7	20264.3	21111.7	21760.2
-30°	9460.4	10723.6	11772.2	12531.3	13637.0	14768.5	15616.1	16638.2	17491.1	18031.8	18728.7
-32.5°	8704.6	9657.3	10608.0	11388.5	12267.1	13259.8	14062.6	14897.5	15617.3	16198.5	16636.7
-35°	8015.1	8852.2	9655.6	10458.5	11242.9	12040.4	12780.3	13485.1	14123.5	14637.5	15043.6
-37.5°	7395.7	8120.2	8847.4	9540.1	10244.8	10911.4	11546.5	12154.4	12691.2	13154.4	13537.2
-40°	6770.3	7417.6	8057.1	8683.4	9299.7	9843.8	10389.9	10892.2	11345.2	11755.1	12089.8
-42.5°	6142.3	6719.9	7280.1	7848.2	8395.1	8867.4	9318.2	9733.5	10121.9	10471.3	10760.0
-45°	5525.0	6035.0	6528.6	7033.1	7494.2	7924.6	8317.7	8667.3	9001.0	9295.5	9538.1
-47.5°	4968.6	5384.0	5824.4	6255.0	6655.2	7042.9	7386.7	7694.4	7987.2	8236.5	8434.5
-50°	4451.4	4830.7	5202.0	5550.8	5924.9	6264.7	6555.6	6839.2	7105.5	7327.9	7495.0
-52.5°	3965.2	4315.1	4649.0	4974.5	5299.0	5601.5	5880.5	6139.8	6372.4	6576.3	6721.1
-55°	3580.3	3866.3	4136.7	4449.9	4747.7	5016.6	5266.5	5518.2	5742.5	5940.5	6061.4
-57.5°	3215.8	3473.9	3731.4	4002.1	4264.1	4516.7	4754.0	4974.5	5181.1	5366.4	5470.6
-60°	2890.6	3098.9	3343.8	3593.6	3831.0	4056.5	4279.2	4486.1	4678.1	4839.4	4931.5
-62.5°	2618.3	2816.1	3023.3	3231.8	3437.4	3647.2	3849.3	4041.5	4223.8	4370.7	4460.2
-65°	2378.0	2557.2	2738.3	2923.0	3110.3	3295.0	3467.1	3636.0	3800.7	3926.6	4007.3
-67.5°	2152.0	2306.1	2458.3	2615.5	2776.8	2936.2	3087.9	3237.6	3384.2	3485.8	3548.9
-70°	1904.1	2040.2	2171.3	2303.6	2435.3	2564.8	2690.3	2815.5	2939.1	3020.7	3074.7
-72.5°	1629.4	1743.1	1849.4	1955.2	2062.9	2169.3	2272.5	2372.8	2469.6	2532.8	2579.5
-75°	1332.8	1419.5	1502.2	1585.5	1669.0	1755.5	1840.7	1922.4	2000.2	2047.5	2083.8
-77.5°	1030.8	1092.2	1150.5	1209.2	1267.8	1334.8	1402.7	1468.5	1531.8	1565.3	1590.3
-80°	727.9	771.0	810.8	848.8	885.0	927.7	970.7	1012.4	1052.3	1071.5	1085.5
-82.5°	456.0	481.2	504.9	527.3	548.4	571.3	593.1	613.3	632.0	641.1	648.0
-85°	237.2	248.2	258.3	267.7	276.3	286.9	296.9	306.1	314.7	317.5	319.3
-87.5°	88.5	91.8	95.0	98.1	101.0	105.0	108.9	112.7	116.4	117.5	118.3
-90°	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.5	3.5	3.5



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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°	26.0	26.4	26.4	26.4	26.4	26.4	26.0	25.5	25.1	24.6	24.2
87.5°	12.3	10.6	9.7	8.8	9.7	10.6	12.3	13.9	15.6	17.1	14.9
85°	22.3	19.4	18.5	17.6	18.5	19.4	22.3	25.2	28.1	30.7	27.7
82.5°	23.8	22.9	22.9	22.9	22.9	22.9	23.8	24.7	25.8	27.0	28.3
80°	28.9	28.1	28.2	28.2	28.2	28.1	28.9	29.7	30.4	31.3	34.2
77.5°	32.5	31.7	31.7	31.7	31.7	31.7	32.5	33.3	34.0	35.2	39.6
75°	31.0	30.0	29.9	29.9	29.9	30.0	31.0	31.9	32.9	34.7	39.5
72.5°	27.2	26.5	26.4	26.4	26.4	26.5	27.2	27.9	28.7	30.4	34.6
70°	23.7	23.1	22.9	22.9	22.9	23.1	23.7	24.3	25.0	26.3	28.8
67.5°	21.3	21.2	21.1	21.1	21.1	21.2	21.3	21.5	21.8	22.7	24.3
65°	17.9	17.7	17.6	17.6	17.6	17.7	17.9	18.2	18.5	19.4	20.8
62.5°	16.5	16.0	15.1	14.1	15.1	16.0	16.5	17.0	17.5	18.0	18.8
60°	17.0	16.1	15.8	15.8	15.8	16.1	17.0	17.9	18.6	19.0	19.2
57.5°	18.2	17.7	17.6	17.6	17.6	17.7	18.2	18.7	19.3	20.6	21.3
55°	22.9	22.8	22.8	22.9	22.8	22.8	22.9	22.8	22.7	23.7	24.7
52.5°	31.8	31.5	31.6	31.7	31.6	31.5	31.8	31.6	31.1	30.6	30.0
50°	43.6	43.6	43.2	42.2	43.2	43.6	43.6	43.2	42.9	42.4	40.1
47.5°	73.4	72.3	71.1	70.4	71.1	72.3	73.4	72.3	70.7	67.3	59.9
45°	137.9	136.8	134.8	133.7	134.8	136.8	137.9	134.7	132.0	124.1	109.7
42.5°	246.9	244.9	240.2	237.6	240.2	244.9	246.9	241.3	237.8	224.9	206.7
40°	413.8	415.9	412.3	410.0	412.3	415.9	413.8	402.2	392.0	371.8	353.5
37.5°	635.9	645.3	644.1	640.6	644.1	645.3	635.9	616.6	592.3	554.5	529.7
35°	905.6	916.0	910.7	909.8	910.7	916.0	905.6	888.8	852.2	786.0	768.5
32.5°	1340.9	1325.8	1269.0	1284.6	1269.0	1325.8	1340.9	1408.4	1318.6	1247.9	1270.4
30°	2897.7	2953.5	2794.7	2667.8	2794.7	2953.5	2897.7	2876.8	2565.6	2585.5	2425.3
27.5°	5470.3	5590.5	5568.1	5698.2	5568.1	5590.5	5470.3	5441.9	5153.9	4913.8	4456.3
25°	8625.0	8704.7	8709.8	8475.1	8709.8	8704.7	8625.0	8508.8	8212.7	7806.4	7158.7
22.5°	12155.6	12232.5	12372.7	12373.0	12372.7	12232.5	12155.6	11992.6	11552.6	10970.6	10182.4
20°	15983.6	15997.6	16265.6	16285.0	16265.6	15997.6	15983.6	15580.6	15000.9	14159.1	13190.9
17.5°	20574.1	20797.3	21159.6	20948.5	21159.6	20797.3	20574.1	19980.4	19136.9	18015.6	16657.9
15°	25866.0	26364.7	26752.0	26578.0	26752.0	26364.7	25866.0	24849.8	23775.9	22342.2	20796.5
12.5°	31062.9	31849.1	32223.4	32131.9	32223.4	31849.1	31062.9	29891.4	28418.1	26842.2	24931.1
10°	36009.6	37116.2	37513.8	37654.1	37513.8	37116.2	36009.6	34774.2	33188.7	31247.5	29026.3
7.5°	40751.9	41766.0	42368.7	42116.9	42368.7	41766.0	40751.9	39368.3	37514.7	35277.2	32749.1
5°	44558.1	45414.5	45901.4	45728.0	45901.4	45414.5	44558.1	43248.9	41196.0	38666.4	35937.0
2.5°	47253.5	48053.3	48475.4	48263.0	48475.4	48053.3	47253.5	45956.4	43942.1	41192.3	38147.7
0°	48793.5	49608.3	50086.1	50120.4	50086.1	49608.3	48793.5	47556.4	45594.2	42959.8	39753.5
-2.5°	48733.3	49308.9	49644.7	49473.7	49644.7	49308.9	48733.3	47572.9	45656.8	42979.8	39794.3
-5°	47713.1	48199.2	48373.6	48299.0	48373.6	48199.2	47713.1	46809.3	44994.7	42361.1	39232.6
-7.5°	46454.5	46812.9	46932.8	46843.7	46932.8	46812.9	46454.5	45597.2	43889.5	41271.7	38279.6
-10°	45236.8	45595.0	45655.7	45604.8	45655.7	45595.0	45236.8	44406.5	42573.7	40193.0	37190.2
-12.5°	43463.9	43852.1	43864.7	43746.5	43864.7	43852.1	43463.9	42391.1	40780.5	38345.9	35700.4
-15°	40698.8	41016.2	41067.4	41001.2	41067.4	41016.2	40698.8	39773.4	38062.0	35897.2	33483.2
-17.5°	37625.3	37835.5	38063.3	38317.5	38063.3	37835.5	37625.3	36758.5	35276.9	33289.3	31143.4
-20°	33935.2	34186.6	34455.4	34739.9	34455.4	34186.6	33935.2	33269.2	32014.5	30332.0	28421.5



REPORT NUMBER: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	29787.9	30070.4	30346.1	30490.0	30346.1	30070.4	29787.9	29256.4	28246.5	26846.4	25292.0
-25°	25776.2	26120.2	26337.8	26468.9	26337.8	26120.2	25776.2	25359.6	24527.8	23445.9	22167.8
-27.5°	22098.4	22506.3	22707.1	22792.7	22707.1	22506.3	22098.4	21760.2	21111.7	20264.3	19181.7
-30°	19000.8	19251.3	19285.9	19415.7	19285.9	19251.3	19000.8	18728.7	18031.8	17491.1	16638.2
-32.5°	16958.7	17236.9	17406.0	17548.6	17406.0	17236.9	16958.7	16636.7	16198.5	15617.3	14897.5
-35°	15358.8	15610.8	15776.6	15845.1	15776.6	15610.8	15358.8	15043.6	14637.5	14123.5	13485.1
-37.5°	13825.3	14015.7	14131.6	14224.3	14131.6	14015.7	13825.3	13537.2	13154.4	12691.2	12154.4
-40°	12346.7	12535.5	12650.2	12681.0	12650.2	12535.5	12346.7	12089.8	11755.1	11345.2	10892.2
-42.5°	10966.7	11112.1	11211.9	11280.2	11211.9	11112.1	10966.7	10760.0	10471.3	10121.9	9733.5
-45°	9717.0	9845.2	9934.1	9988.5	9934.1	9845.2	9717.0	9538.1	9295.5	9001.0	8667.3
-47.5°	8580.4	8683.5	8754.3	8795.4	8754.3	8683.5	8580.4	8434.5	8236.5	7987.2	7694.4
-50°	7619.7	7711.8	7777.2	7817.0	7777.2	7711.8	7619.7	7495.0	7327.9	7105.5	6839.2
-52.5°	6834.1	6923.7	6989.5	7032.1	6989.5	6923.7	6834.1	6721.1	6576.3	6372.4	6139.8
-55°	6161.8	6244.1	6303.7	6342.3	6303.7	6244.1	6161.8	6061.4	5940.5	5742.5	5518.2
-57.5°	5559.0	5631.7	5682.2	5714.0	5682.2	5631.7	5559.0	5470.6	5366.4	5181.1	4974.5
-60°	5010.1	5075.6	5122.0	5154.4	5122.0	5075.6	5010.1	4931.5	4839.4	4678.1	4486.1
-62.5°	4539.4	4608.2	4645.1	4665.2	4645.1	4608.2	4539.4	4460.2	4370.7	4223.8	4041.5
-65°	4081.3	4147.8	4183.6	4204.1	4183.6	4147.8	4081.3	4007.3	3926.6	3800.7	3636.0
-67.5°	3604.7	3652.6	3689.0	3716.7	3689.0	3652.6	3604.7	3548.9	3485.8	3384.2	3237.6
-70°	3121.1	3159.8	3161.0	3150.0	3161.0	3159.8	3121.1	3074.7	3020.7	2939.1	2815.5
-72.5°	2620.0	2653.9	2662.8	2662.6	2662.8	2653.9	2620.0	2579.5	2532.8	2469.6	2372.8
-75°	2115.1	2141.2	2158.6	2169.8	2158.6	2141.2	2115.1	2083.8	2047.5	2000.2	1922.4
-77.5°	1610.6	1626.3	1640.9	1650.7	1640.9	1626.3	1610.6	1590.3	1565.3	1531.8	1468.5
-80°	1096.2	1103.5	1105.2	1103.4	1105.2	1103.5	1096.2	1085.5	1071.5	1052.3	1012.4
-82.5°	653.0	656.1	652.8	647.6	652.8	656.1	653.0	648.0	641.1	632.0	613.3
-85°	320.3	320.5	319.9	318.5	319.9	320.5	320.3	319.3	317.5	314.7	306.1
-87.5°	118.9	119.3	121.4	123.2	121.4	119.3	118.9	118.3	117.5	116.4	112.7
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	23.8	23.3	22.9	22.0	21.2	20.3	19.4	18.5	17.6	16.7	15.8
87.5°	12.7	10.5	8.5	8.8	9.1	9.4	9.6	9.1	8.7	8.2	7.8
85°	24.7	21.7	18.8	19.1	19.3	19.5	19.5	19.2	18.6	17.8	16.9
82.5°	29.3	29.9	30.2	32.4	34.1	35.4	36.1	36.2	35.7	34.5	32.6
80°	36.9	39.4	41.9	46.6	50.7	54.1	56.7	58.4	59.5	59.9	58.1
77.5°	43.8	47.7	52.1	59.1	65.6	71.6	76.8	79.9	81.7	82.7	80.5
75°	44.4	49.4	56.0	65.9	75.3	84.2	90.7	94.9	98.5	101.5	99.2
72.5°	39.1	43.9	51.9	64.0	76.7	87.6	97.1	105.1	111.7	116.6	112.5
70°	31.8	35.4	42.9	54.3	66.3	78.7	92.2	106.2	120.6	129.8	122.4
67.5°	26.0	28.0	33.7	42.5	53.0	64.9	78.6	94.5	109.9	124.8	122.0
65°	22.2	23.8	27.7	33.7	41.2	50.3	60.9	74.1	90.4	107.2	108.7
62.5°	19.8	21.0	23.6	27.3	32.0	38.0	46.2	57.2	69.9	80.4	85.8
60°	19.4	19.7	21.6	23.9	26.4	30.1	37.0	44.6	53.0	62.0	66.7
57.5°	21.4	21.7	23.1	24.0	24.6	27.4	31.6	36.6	44.2	49.9	53.3
55°	25.8	27.4	28.5	28.5	28.0	29.2	30.2	32.9	38.5	43.8	48.7
52.5°	29.6	32.6	35.3	37.0	37.2	36.0	33.7	34.5	37.7	43.0	47.4
50°	38.5	42.1	43.6	43.9	47.7	47.7	45.0	41.4	46.6	49.0	49.2
47.5°	61.0	65.0	61.3	60.1	67.0	65.2	62.4	62.1	68.2	63.3	61.2
45°	114.2	114.1	104.4	107.4	105.3	102.1	91.0	100.6	102.3	96.7	79.8
42.5°	207.4	198.2	186.1	189.6	185.2	170.4	151.6	156.4	153.3	141.1	131.1
40°	338.5	315.1	304.1	300.6	292.7	271.4	253.6	228.2	219.8	201.3	198.2
37.5°	499.4	463.9	453.6	433.1	416.8	412.4	384.6	338.2	297.4	315.1	292.5
35°	698.5	666.2	660.3	608.3	570.8	649.9	576.5	484.4	463.3	506.7	432.6
32.5°	1019.4	1160.5	1033.8	922.1	1049.2	1067.0	930.5	711.1	819.2	817.1	682.6
30°	2175.2	2202.2	2033.9	1724.0	1909.7	1865.7	1468.5	1415.9	1385.0	1239.5	1013.4
27.5°	4201.8	3765.1	3517.1	3349.7	3083.0	2938.4	2619.9	2290.9	2106.8	1840.4	1484.7
25°	6676.9	6064.1	5514.3	5165.9	4707.2	4242.5	3866.0	3401.4	3002.9	2575.9	2077.0
22.5°	9347.4	8624.4	7867.3	7164.0	6525.0	5878.0	5212.9	4550.0	3985.2	3430.0	2795.2
20°	12187.5	11292.2	10279.8	9402.4	8525.3	7610.1	6689.6	5889.5	5156.7	4371.8	3568.1
17.5°	15532.7	14210.3	12956.7	11819.9	10646.2	9477.6	8515.1	7508.8	6441.5	5363.6	4370.9
15°	19142.4	17538.5	15987.4	14452.1	12984.1	11708.6	10503.4	9223.2	7846.2	6463.6	5283.3
12.5°	22962.2	20946.8	19016.4	17236.2	15610.8	14056.6	12556.4	11017.6	9347.9	7708.3	6353.1
10°	26681.2	24321.0	22161.4	20111.5	18206.8	16403.5	14528.6	12666.6	10777.8	8935.4	7385.9
7.5°	30118.5	27561.5	25141.3	22708.1	20372.6	18292.1	16256.6	14211.7	12145.8	10097.6	8374.7
5°	32981.8	30086.8	27309.7	24624.9	22112.2	20004.5	17880.9	15674.3	13434.0	11185.7	9310.3
2.5°	34916.8	31964.7	29136.5	26303.4	23548.3	21381.1	19147.5	16785.2	14333.6	11904.0	9917.7
0°	36314.9	33059.3	30090.5	27176.3	24219.9	22125.8	19920.8	17557.4	14977.5	12471.6	10458.4
-2.5°	36324.1	33030.6	30061.5	26980.6	24076.5	21804.7	19653.3	17364.8	14979.9	12573.0	10581.8
-5°	35819.9	32572.9	29607.1	26600.3	23694.5	21395.2	19286.1	17098.9	14872.1	12584.3	10631.5
-7.5°	35050.6	31889.9	28920.6	25930.5	23112.4	20870.3	18834.6	16784.9	14676.3	12517.9	10613.8
-10°	33992.2	30988.9	28126.5	25159.3	22448.8	20230.7	18300.8	16395.8	14398.4	12362.1	10528.8
-12.5°	32620.8	29753.3	27092.2	24251.6	21687.1	19627.2	17747.1	15936.1	14054.2	12120.1	10379.7
-15°	30767.4	28276.7	25785.9	23211.3	20847.5	18916.1	17113.0	15347.4	13490.7	11704.8	10170.0
-17.5°	28778.5	26597.7	24373.0	21908.0	19782.6	18087.5	16379.1	14610.9	12776.7	11025.2	9617.0
-20°	26435.0	24445.2	22568.6	20433.3	18400.0	16771.2	15365.4	13755.4	11919.3	10288.7	8953.6



REPORT NUMBER: P1305638 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23666.7	21963.4	20239.8	18453.2	16790.2	15281.3	13913.3	12524.0	10915.0	9439.5	8226.9
-25°	20826.1	19332.2	17788.2	16361.7	14979.3	13617.2	12367.7	11091.3	9818.4	8556.2	7453.1
-27.5°	18058.4	16750.9	15461.2	14320.2	13204.6	12013.7	10832.1	9741.5	8758.9	7748.1	6709.4
-30°	15616.1	14768.5	13637.0	12531.3	11772.2	10723.6	9460.4	8681.1	7899.1	7026.8	6102.7
-32.5°	14062.6	13259.8	12267.1	11388.5	10608.0	9657.3	8704.6	7788.4	7161.1	6411.0	5638.7
-35°	12780.3	12040.4	11242.9	10458.5	9655.6	8852.2	8015.1	7248.0	6533.0	5854.9	5201.3
-37.5°	11546.5	10911.4	10244.8	9540.1	8847.4	8120.2	7395.7	6689.9	5990.0	5383.6	4804.2
-40°	10389.9	9843.8	9299.7	8683.4	8057.1	7417.6	6770.3	6116.4	5510.7	4936.4	4417.1
-42.5°	9318.2	8867.4	8395.1	7848.2	7280.1	6719.9	6142.3	5569.5	5028.5	4523.9	4046.6
-45°	8317.7	7924.6	7494.2	7033.1	6528.6	6035.0	5525.0	5039.1	4568.1	4119.0	3671.0
-47.5°	7386.7	7042.9	6655.2	6255.0	5824.4	5384.0	4968.6	4533.4	4125.3	3713.6	3326.8
-50°	6555.6	6264.7	5924.9	5550.8	5202.0	4830.7	4451.4	4058.9	3701.2	3355.1	3000.1
-52.5°	5880.5	5601.5	5299.0	4974.5	4649.0	4315.1	3965.2	3651.4	3332.8	3024.6	2711.9
-55°	5266.5	5016.6	4747.7	4449.9	4136.7	3866.3	3580.3	3288.8	3003.7	2716.8	2459.7
-57.5°	4754.0	4516.7	4264.1	4002.1	3731.4	3473.9	3215.8	2950.6	2703.3	2465.2	2226.3
-60°	4279.2	4056.5	3831.0	3593.6	3343.8	3098.9	2890.6	2670.9	2439.6	2237.1	2033.7
-62.5°	3849.3	3647.2	3437.4	3231.8	3023.3	2816.1	2618.3	2424.6	2228.3	2035.5	1862.2
-65°	3467.1	3295.0	3110.3	2923.0	2738.3	2557.2	2378.0	2203.2	2036.5	1874.7	1706.2
-67.5°	3087.9	2936.2	2776.8	2615.5	2458.3	2306.1	2152.0	2000.1	1847.3	1698.3	1541.2
-70°	2690.3	2564.8	2435.3	2303.6	2171.3	2040.2	1904.1	1766.9	1634.0	1502.3	1363.2
-72.5°	2272.5	2169.3	2062.9	1955.2	1849.4	1743.1	1629.4	1510.6	1395.7	1285.4	1171.5
-75°	1840.7	1755.5	1669.0	1585.5	1502.2	1419.5	1332.8	1238.3	1146.0	1056.4	964.9
-77.5°	1402.7	1334.8	1267.8	1209.2	1150.5	1092.2	1030.8	959.0	888.3	818.5	747.4
-80°	970.7	927.7	885.0	848.8	810.8	771.0	727.9	676.0	624.5	576.7	531.2
-82.5°	593.1	571.3	548.4	527.3	504.9	481.2	456.0	426.1	396.2	366.5	336.5
-85°	296.9	286.9	276.3	267.7	258.3	248.2	237.2	223.8	209.7	194.9	179.3
-87.5°	108.9	105.0	101.0	98.1	95.0	91.8	88.5	83.7	78.9	74.1	69.3
-90°	4.4	4.9	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15.4	15.0	14.5	14.1	13.7	13.2	12.8	12.3	11.9	11.5	11.0
87.5°	9.3	10.7	12.0	13.1	12.4	11.8	11.3	10.7	10.7	10.6	10.5
85°	17.2	17.8	18.5	19.4	18.2	16.7	15.5	14.5	14.4	14.3	13.9
82.5°	29.5	27.9	27.1	26.5	26.1	25.1	23.5	21.4	19.1	17.9	17.4
80°	51.9	46.2	41.2	37.0	34.6	33.6	32.4	30.0	25.1	21.6	19.8
77.5°	72.0	64.2	57.2	50.3	44.3	40.1	37.9	36.5	30.7	25.2	21.5
75°	90.0	79.9	70.5	61.4	52.9	46.0	41.1	37.6	32.9	28.2	23.0
72.5°	101.8	91.6	81.8	71.4	60.3	51.1	43.9	38.6	33.8	29.0	24.1
70°	110.9	100.8	90.5	78.6	66.7	55.5	46.4	40.1	34.6	29.7	24.8
67.5°	117.0	104.9	94.6	84.5	72.2	60.0	48.6	41.6	36.0	30.3	25.3
65°	105.0	101.0	95.9	85.3	75.0	64.1	51.9	43.6	37.3	31.5	25.8
62.5°	89.4	89.9	86.9	83.5	75.2	65.1	55.1	46.8	38.8	32.6	26.6
60°	69.9	74.1	76.9	75.7	72.2	64.8	56.3	49.8	41.4	33.5	27.5
57.5°	57.9	59.5	63.9	67.1	66.1	61.9	57.0	51.3	43.8	35.3	28.4
55°	50.1	52.7	54.3	56.9	59.3	57.3	56.5	52.1	45.7	37.2	29.6
52.5°	49.9	50.8	51.1	50.4	51.5	53.4	54.2	53.0	46.6	38.9	31.6
50°	52.0	56.5	53.5	50.0	46.0	48.9	52.1	51.6	47.6	40.3	33.7
47.5°	61.4	67.7	63.9	53.7	47.7	45.2	49.4	50.0	48.5	41.2	35.8
45°	86.6	85.7	79.9	67.5	52.4	48.4	46.9	48.7	47.5	43.4	37.8
42.5°	121.1	116.2	103.8	83.8	73.2	55.2	45.2	47.3	46.5	45.9	40.0
40°	181.6	156.1	135.0	122.6	104.6	64.0	51.7	46.3	46.1	48.3	42.4
37.5°	252.5	214.3	177.7	178.5	147.5	99.6	60.4	45.8	48.8	50.5	45.0
35°	355.9	288.6	265.9	254.4	209.3	141.6	70.1	49.2	52.7	53.2	47.8
32.5°	474.9	433.1	417.8	350.6	281.5	189.6	99.1	63.2	57.7	56.5	50.7
30°	755.4	688.7	617.4	462.1	367.7	257.2	146.5	77.5	63.7	60.4	53.7
27.5°	1207.6	991.8	863.1	642.9	473.1	334.4	206.0	92.1	70.7	65.0	56.7
25°	1695.7	1392.7	1156.4	871.6	588.2	453.8	272.8	108.4	81.5	70.6	60.0
22.5°	2246.9	1826.1	1481.4	1127.9	771.0	592.5	358.7	160.8	94.0	76.7	63.5
20°	2805.7	2265.8	1850.9	1444.0	1009.3	750.0	466.8	216.2	106.3	83.3	67.2
17.5°	3390.2	2824.9	2355.8	1805.2	1276.2	915.9	583.8	273.7	118.5	90.2	71.1
15°	4284.1	3536.4	2897.7	2199.3	1540.8	1087.8	707.0	332.0	130.4	97.3	78.8
12.5°	5213.1	4261.1	3463.0	2616.3	1800.4	1262.9	833.5	390.1	141.9	112.1	91.8
10°	6118.6	4989.1	4040.7	3045.4	2052.2	1438.1	960.2	466.6	176.8	133.3	104.9
7.5°	6992.7	5710.0	4618.7	3474.7	2313.4	1668.3	1189.9	585.6	216.3	154.8	118.1
5°	7778.7	6342.6	5164.5	3925.0	2669.6	1951.9	1435.1	704.0	256.3	176.3	131.3
2.5°	8307.2	6825.1	5666.3	4345.6	3009.5	2224.7	1673.3	818.0	295.9	197.6	144.1
0°	8776.0	7260.9	6127.6	4726.8	3329.5	2484.8	1897.0	923.9	334.4	218.2	156.6
-2.5°	8894.6	7368.7	6270.0	4960.0	3598.8	2722.5	2099.0	1087.4	459.0	295.3	205.6
-5°	8950.9	7440.3	6376.4	5154.7	3842.9	2944.1	2276.8	1236.8	579.2	370.3	253.3
-7.5°	8962.9	7497.6	6433.0	5294.8	4060.1	3148.1	2428.1	1369.9	692.7	442.0	299.0
-10°	8921.9	7520.6	6417.5	5258.4	4073.7	3232.2	2529.1	1484.9	797.1	509.2	342.2
-12.5°	8826.4	7490.8	6364.0	5177.4	4025.2	3201.0	2463.8	1528.4	886.9	570.9	382.0
-15°	8679.3	7404.6	6272.6	5050.3	3946.3	3149.4	2389.9	1535.2	941.8	625.0	418.0
-17.5°	8406.8	7259.0	6143.7	4876.1	3835.9	3076.4	2311.0	1532.8	988.7	671.7	452.2
-20°	7828.4	6889.0	5966.8	4653.8	3693.2	2981.4	2230.9	1522.1	1027.4	712.0	484.1



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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°	7214.4	6365.5	5495.3	4458.5	3542.7	2863.7	2152.6	1504.4	1057.4	745.6	511.4
-25°	6555.6	5833.9	4999.9	4139.2	3396.9	2741.8	2093.7	1480.6	1078.4	772.0	533.7
-27.5°	5938.8	5297.8	4534.2	3824.1	3190.6	2633.6	2048.0	1495.6	1095.8	790.8	550.7
-30°	5350.6	4794.4	4161.2	3533.5	2981.7	2490.5	1999.3	1501.6	1114.2	806.6	562.1
-32.5°	4926.1	4344.1	3822.4	3296.1	2798.7	2339.2	1905.3	1496.4	1122.3	817.6	571.0
-35°	4590.2	4010.5	3506.2	3061.4	2622.4	2197.2	1793.9	1479.8	1119.9	821.0	575.3
-37.5°	4243.0	3724.4	3254.6	2844.0	2441.1	2049.4	1700.5	1407.5	1107.0	816.5	574.0
-40°	3919.3	3442.6	3020.0	2642.1	2268.8	1896.2	1600.1	1335.2	1091.4	804.0	567.0
-42.5°	3583.9	3169.2	2790.6	2436.1	2096.6	1777.5	1495.5	1258.1	1038.8	788.0	554.3
-45°	3267.8	2893.2	2558.3	2243.0	1926.6	1652.7	1405.5	1178.8	978.4	766.6	538.6
-47.5°	2946.9	2633.3	2336.5	2046.8	1783.0	1528.6	1310.8	1108.0	915.0	737.2	521.1
-50°	2660.5	2385.4	2125.2	1876.8	1633.7	1420.3	1216.3	1034.0	857.0	685.6	498.4
-52.5°	2416.4	2161.3	1935.6	1714.2	1507.8	1307.4	1131.7	958.0	796.5	637.2	470.6
-55°	2196.5	1961.6	1760.9	1570.9	1385.0	1208.7	1044.0	888.4	733.6	588.8	438.8
-57.5°	2007.5	1781.4	1607.9	1437.3	1273.3	1112.9	960.9	816.3	674.5	538.0	409.8
-60°	1830.1	1638.2	1464.3	1316.3	1167.6	1020.4	879.8	744.5	614.8	486.8	373.4
-62.5°	1682.7	1499.9	1338.6	1201.2	1066.2	932.2	797.6	675.3	552.9	439.1	333.4
-65°	1536.4	1371.6	1215.2	1093.2	968.5	841.9	719.2	603.8	492.9	388.9	294.0
-67.5°	1386.5	1239.3	1103.7	986.3	866.4	749.7	637.8	531.7	431.3	336.4	259.4
-70°	1227.8	1101.9	981.1	867.3	758.4	653.2	552.4	457.5	367.2	291.4	223.0
-72.5°	1055.2	945.0	841.2	742.3	643.8	550.7	463.4	382.6	310.5	244.6	185.1
-75°	870.0	777.9	690.3	606.1	523.1	445.3	376.8	313.1	251.9	196.2	150.8
-77.5°	671.7	599.6	531.6	468.5	405.0	346.0	291.7	241.4	194.3	153.8	117.2
-80°	480.4	430.7	382.2	334.7	287.6	244.5	210.4	177.4	142.9	111.3	82.7
-82.5°	300.6	270.4	242.5	215.5	188.7	163.0	138.6	115.2	90.4	67.9	54.7
-85°	161.8	144.8	128.4	112.5	96.2	80.8	73.2	65.7	56.5	48.0	40.3
-87.5°	65.9	62.4	58.9	55.4	51.2	47.1	43.0	39.1	34.3	29.8	25.7
-90°	5.7	6.2	6.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.6	10.2	9.7	9.3	8.8	7.9	7.0
87.5°	10.2	9.4	8.7	8.1	7.6	7.3	7.0
85°	13.4	11.8	10.4	9.2	8.2	7.5	7.0
82.5°	16.6	14.1	12.0	10.3	8.8	7.8	7.0
80°	19.3	16.5	13.7	11.3	9.5	8.1	7.0
77.5°	19.7	18.0	15.3	12.4	10.1	8.3	7.0
75°	20.0	18.0	16.6	13.4	10.6	8.6	7.0
72.5°	20.2	18.1	16.5	14.4	11.2	8.9	7.0
70°	20.5	18.1	16.3	15.2	11.8	9.1	7.0
67.5°	21.1	18.0	16.2	15.0	12.3	9.3	7.0
65°	21.8	18.3	16.0	14.7	12.9	9.6	7.0
62.5°	22.5	18.9	15.8	14.5	13.4	9.8	7.0
60°	23.1	19.5	15.5	14.3	13.9	10.0	7.0
57.5°	24.2	20.1	16.0	14.0	13.7	10.3	7.0
55°	25.3	20.7	16.5	13.7	13.7	10.5	7.0
52.5°	26.5	21.3	16.9	13.4	13.6	10.7	7.0
50°	27.6	22.3	17.4	13.1	13.5	10.8	7.0
47.5°	28.8	23.3	17.8	12.9	13.5	11.0	7.0
45°	30.7	24.2	18.2	13.2	13.5	11.2	7.0
42.5°	32.4	25.2	18.6	13.5	13.5	11.4	7.0
40°	34.2	26.1	19.1	14.0	13.5	11.5	7.0
37.5°	35.9	27.0	19.8	14.8	13.6	11.6	7.0
35°	37.6	28.2	20.5	15.5	13.6	11.8	7.0
32.5°	39.4	29.4	21.1	16.3	13.7	11.9	7.0
30°	41.6	30.7	21.7	17.1	13.8	12.0	7.0
27.5°	43.9	31.8	23.4	17.9	13.9	12.1	7.0
25°	46.2	32.9	25.3	18.8	14.1	12.1	7.0
22.5°	48.5	34.9	27.4	19.6	14.2	12.2	7.0
20°	50.7	39.3	29.5	20.4	14.4	12.3	7.0
17.5°	56.6	43.9	31.6	21.3	14.6	12.3	7.0
15°	64.9	48.7	33.8	22.1	14.7	12.3	7.0
12.5°	73.3	53.6	35.9	22.9	14.9	12.4	7.0
10°	81.8	58.6	38.0	23.7	15.1	12.4	7.0
7.5°	90.3	63.5	40.1	24.4	15.3	12.4	7.0
5°	98.6	68.3	42.1	25.1	15.5	12.4	7.0
2.5°	106.7	73.0	44.0	25.8	15.6	12.3	7.0
0°	114.4	77.4	45.8	26.4	15.8	12.3	7.0
-2.5°	144.1	94.0	54.7	30.3	16.9	12.5	7.0
-5°	172.9	110.1	63.3	34.1	18.1	12.7	7.0
-7.5°	200.5	125.5	71.6	37.7	19.2	12.9	7.0
-10°	226.4	140.0	79.5	41.2	20.2	13.1	7.0
-12.5°	250.4	153.5	86.8	44.4	21.2	13.3	7.0
-15°	272.0	165.8	93.4	47.3	22.1	13.5	7.0
-17.5°	291.0	176.6	99.3	49.9	23.0	13.6	7.0
-20°	309.5	185.9	104.4	52.2	23.8	13.7	7.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	329.2	193.5	108.6	54.0	24.5	13.8	7.0
-25°	345.5	203.5	111.8	55.5	25.1	13.9	7.0
-27.5°	358.2	213.0	114.0	56.5	25.6	13.9	7.0
-30°	367.2	220.1	115.5	57.0	26.0	13.9	7.0
-32.5°	372.3	224.8	119.0	57.0	26.2	13.9	7.0
-35°	376.3	226.9	121.2	56.6	26.4	13.9	7.0
-37.5°	377.7	227.4	121.9	55.6	26.5	13.9	7.0
-40°	375.3	227.6	121.1	54.0	26.4	13.8	7.0
-42.5°	368.9	225.3	120.0	52.5	26.2	13.7	7.0
-45°	358.6	220.7	118.8	51.6	25.9	13.6	7.0
-47.5°	344.5	213.7	116.4	50.0	25.4	13.4	7.0
-50°	331.3	204.4	112.8	49.5	24.9	13.3	7.0
-52.5°	315.7	192.8	107.9	49.0	24.2	13.1	7.0
-55°	296.8	182.9	101.9	47.9	23.4	12.8	7.0
-57.5°	274.9	172.0	94.7	46.2	22.5	12.6	7.0
-60°	250.8	159.4	86.5	44.0	21.5	12.3	7.0
-62.5°	230.5	145.1	80.8	41.2	20.7	12.0	7.0
-65°	208.0	129.3	74.1	38.0	19.8	11.7	7.0
-67.5°	183.4	114.3	66.5	34.4	18.9	11.4	7.0
-70°	157.0	100.3	58.2	30.3	18.0	11.1	7.0
-72.5°	133.5	85.1	49.2	27.7	16.9	10.7	7.0
-75°	109.2	69.0	39.5	25.3	15.9	10.3	7.0
-77.5°	83.7	52.0	34.1	22.8	14.8	10.0	7.0
-80°	57.2	41.1	29.4	20.3	13.6	9.6	7.0
-82.5°	44.4	33.6	24.6	17.6	12.4	9.2	7.0
-85°	33.3	25.9	19.7	14.8	11.2	8.7	7.0
-87.5°	22.0	18.0	14.7	12.1	10.0	8.3	7.0
-90°	7.0	7.0	7.0	7.0	7.0	7.0	7.0

(END OF REPORT)