

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: P1306153 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-7F-CV1-A**

Issue Date: 2/3/2026

Test Information

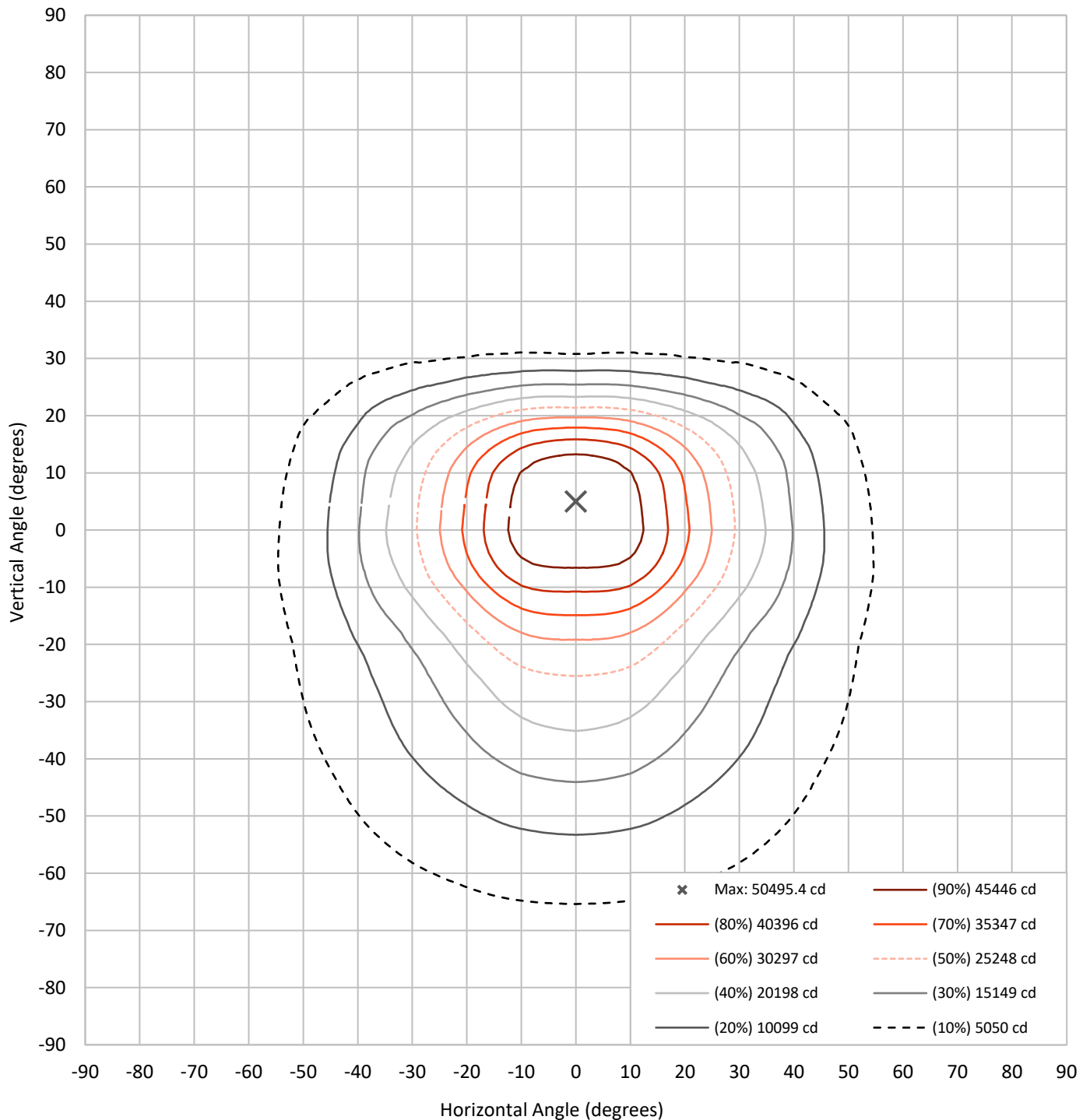
Test Method: LM-79-08
Report Number: P1306153 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-44)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-7F-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	49476.9 lumens	Max Intensity:	50495.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 5°V
Efficacy:	89.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	57.7°H x 46.8°V	Field Angle (10%):	107.9°H x 96.1°V
Beam Lumens:	23797.4 lumens	Field Lumens:	45866.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	92.7%
Input Watts (W):	554		
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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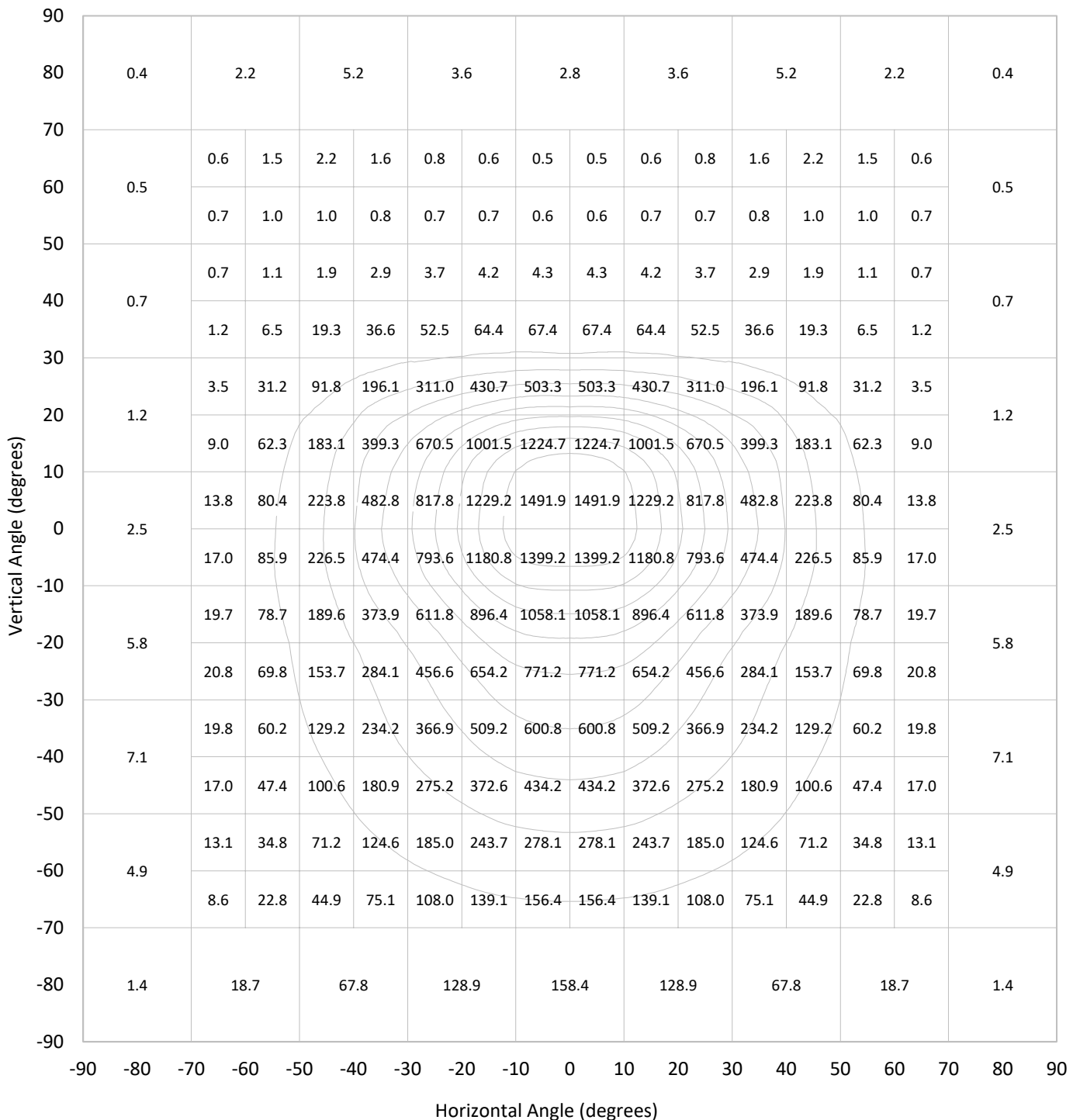
Iso-Candela Plot





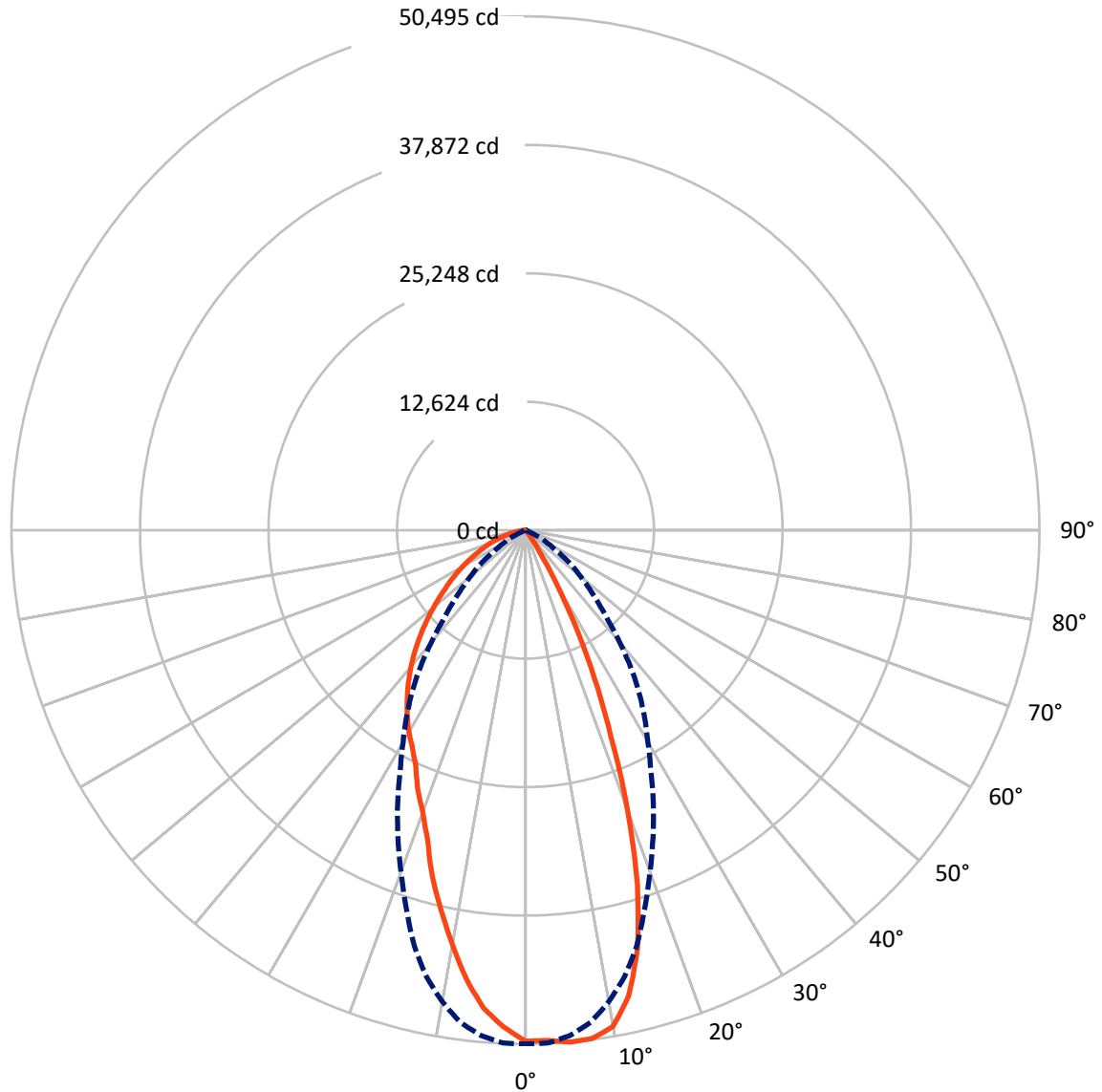
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Lumen Table



REPORT NUMBER: P1306153 (CONVERTED FROM TYPE C PHOTOMETRY)
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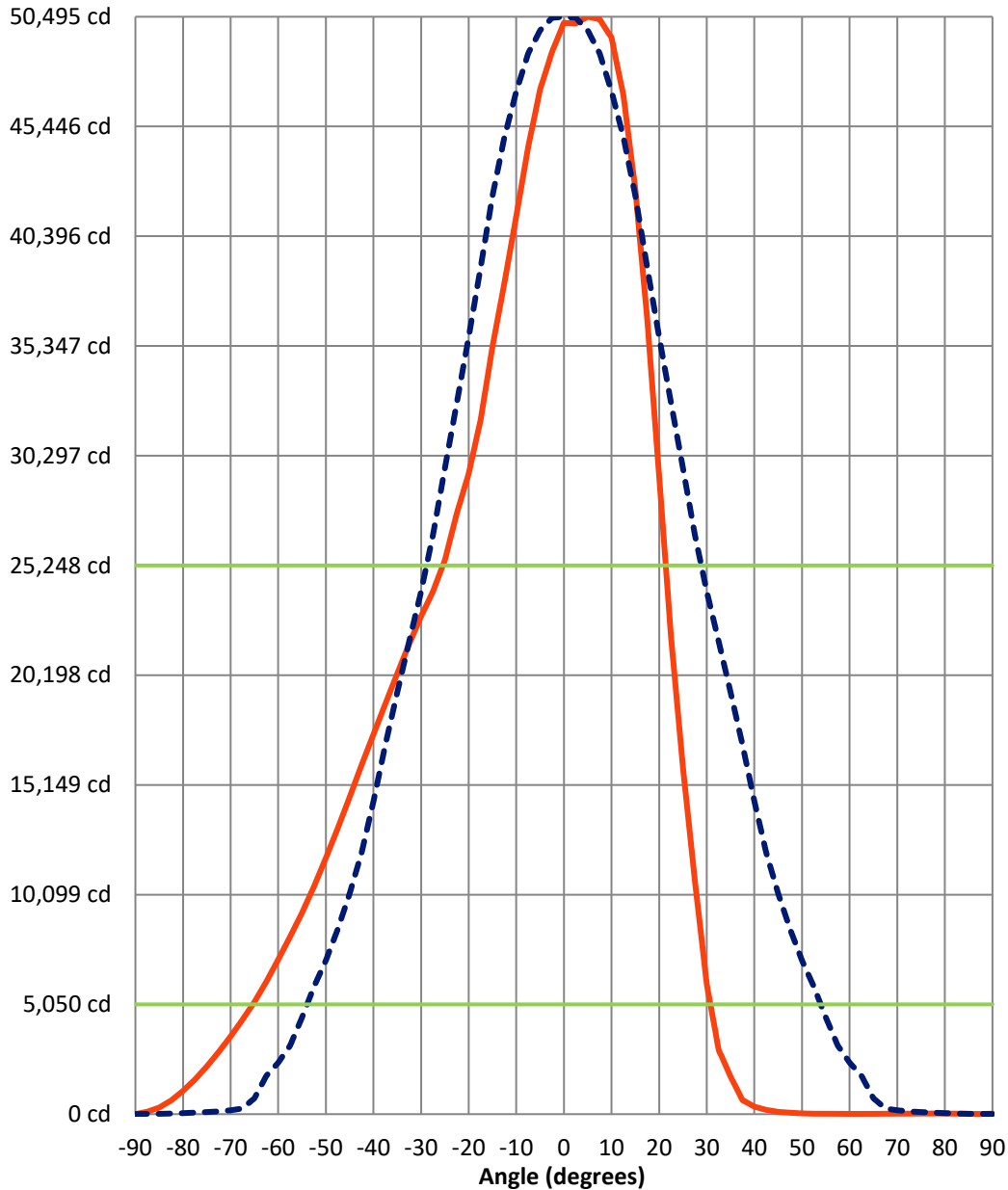
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 57.7°
 V Angle: 46.8°
 Lumens: 23797.4
 Efficiency: 48.1%

Field:
 H Angle: 107.9°
 V Angle: 96.1°
 Lumens: 45866.6
 Efficiency: 92.7%

Spill:
 Lumens: 3610.4
 Efficiency: 7.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 5-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°	6.9	7.8	8.7	9.1	9.6	10.0	10.4	10.8	11.3	11.7	12.1
87.5°	6.9	8.1	9.3	9.4	9.6	10.0	10.5	10.4	10.2	9.9	9.6
85°	6.9	8.3	9.9	10.5	11.4	12.6	14.1	14.3	14.4	14.3	14.0
82.5°	6.9	8.6	10.5	11.6	13.2	15.2	17.6	18.3	18.6	19.5	21.6
80°	6.9	8.8	11.1	12.7	14.9	17.7	20.8	21.1	22.8	26.0	30.7
77.5°	6.9	9.1	11.6	13.8	16.7	19.5	21.5	23.4	26.9	32.3	37.7
75°	6.9	9.3	12.2	14.9	18.0	19.8	22.2	25.4	30.4	34.6	38.8
72.5°	6.9	9.6	12.7	15.9	18.1	20.1	22.9	26.9	31.2	35.5	39.8
70°	6.9	9.8	13.2	16.7	18.1	20.3	23.4	27.5	32.0	36.4	41.9
67.5°	6.9	10.0	13.7	16.5	18.0	20.5	24.1	28.2	32.7	38.5	44.2
65°	6.9	10.2	14.2	16.3	17.9	20.9	24.8	28.7	34.4	40.4	46.7
62.5°	6.9	10.4	14.7	16.1	17.8	21.6	25.5	29.9	36.1	42.4	49.7
60°	6.9	10.6	15.1	15.9	17.6	22.3	26.3	31.2	37.6	44.7	52.5
57.5°	6.9	10.8	15.0	15.6	18.2	23.0	27.6	32.6	39.3	46.7	53.9
55°	6.9	11.0	14.8	15.3	18.8	23.7	28.9	34.1	40.7	48.4	54.7
52.5°	6.9	11.2	14.7	15.0	19.4	24.5	30.3	35.8	42.0	49.3	55.6
50°	6.9	11.4	14.6	14.7	20.0	25.6	31.6	37.7	43.0	50.2	55.9
47.5°	6.9	11.5	14.5	14.5	20.6	26.6	32.9	39.7	43.9	51.2	56.9
45°	6.9	11.6	14.5	14.9	21.1	27.6	34.9	41.9	46.5	53.0	58.6
42.5°	6.9	11.8	14.4	15.3	21.7	28.6	36.9	44.4	49.4	55.4	61.6
40°	6.9	11.9	14.4	16.0	22.3	29.5	39.0	47.2	53.1	58.7	65.5
37.5°	6.9	12.0	14.4	16.8	23.0	30.4	41.1	50.3	57.8	64.4	70.2
35°	6.9	12.1	14.4	17.7	23.6	31.8	43.4	53.5	62.7	71.2	77.0
32.5°	6.9	12.2	14.4	18.5	24.2	33.5	45.8	56.9	67.9	79.0	89.8
30°	6.9	12.2	14.5	19.4	24.8	35.2	48.4	60.7	73.2	87.5	104.5
27.5°	6.9	12.3	14.5	20.3	26.5	36.9	51.2	65.1	79.4	96.7	120.9
25°	6.9	12.3	14.6	21.2	28.5	38.5	54.0	69.4	86.8	109.0	140.8
22.5°	6.9	12.3	14.7	22.2	30.6	40.9	56.7	73.8	94.4	123.3	206.6
20°	6.9	12.4	14.8	23.1	32.8	45.3	59.5	78.2	102.3	138.4	280.4
17.5°	6.9	12.4	14.9	24.0	35.1	49.8	64.6	82.5	110.3	153.9	360.3
15°	6.9	12.4	15.0	24.9	37.3	54.3	71.1	89.0	118.3	169.7	444.3
12.5°	6.9	12.4	15.1	25.8	39.6	58.8	77.5	98.5	130.7	185.4	530.3
10°	6.9	12.3	15.2	26.6	41.9	63.2	83.9	107.9	146.7	209.7	611.4
7.5°	6.9	12.3	15.3	27.4	44.1	67.6	90.0	117.2	162.6	234.8	677.3
5°	6.9	12.2	15.4	28.1	46.3	71.8	96.0	126.4	178.3	259.3	734.9
2.5°	6.9	12.2	15.5	28.8	48.3	75.8	101.8	135.2	193.4	282.6	783.4
0°	6.9	12.1	15.6	29.4	50.2	79.6	107.3	143.6	207.7	304.6	822.0
-2.5°	6.9	12.3	16.8	33.0	58.3	95.2	134.2	188.8	278.2	407.4	929.3
-5°	6.9	12.5	18.0	36.5	66.2	110.2	160.5	232.8	346.6	507.0	1026.1
-7.5°	6.9	12.7	19.1	39.8	73.8	124.7	185.7	275.1	411.9	601.8	1112.3
-10°	6.9	12.9	20.2	42.9	80.9	138.2	209.6	314.8	473.1	690.5	1188.1
-12.5°	6.9	13.1	21.3	45.9	87.4	150.8	231.8	351.5	529.2	771.6	1258.8
-15°	6.9	13.2	22.2	48.5	93.4	162.2	252.1	384.5	582.4	844.9	1319.3
-17.5°	6.9	13.4	23.1	50.8	98.7	172.2	270.2	419.8	633.7	909.6	1366.0
-20°	6.9	13.5	24.0	52.9	103.2	180.8	289.9	455.9	678.9	965.2	1398.6



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 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.9	13.6	24.7	54.5	106.9	187.7	313.4	487.3	717.6	1010.7	1416.6
-25°	6.9	13.6	25.3	55.8	109.7	198.3	333.5	513.6	749.3	1045.6	1419.7
-27.5°	6.9	13.7	25.8	56.7	111.5	209.0	349.8	534.6	773.6	1073.1	1453.4
-30°	6.9	13.7	26.2	57.1	112.9	217.3	362.2	550.0	794.5	1097.7	1474.6
-32.5°	6.9	13.7	26.5	57.1	117.1	223.1	370.4	563.2	810.1	1112.2	1481.0
-35°	6.9	13.7	26.6	56.7	119.9	226.4	376.3	571.5	817.8	1116.7	1472.3
-37.5°	6.9	13.7	26.7	55.8	121.1	227.9	379.1	573.7	817.5	1110.8	1428.8
-40°	6.9	13.6	26.6	54.4	120.9	228.8	378.0	569.8	809.1	1100.5	1382.9
-42.5°	6.9	13.5	26.3	53.2	120.2	227.1	372.9	559.6	796.3	1063.0	1328.4
-45°	6.9	13.4	26.0	52.5	119.5	223.0	363.9	545.7	777.2	1015.8	1266.8
-47.5°	6.9	13.2	25.5	51.2	117.5	216.3	351.0	529.6	749.5	962.1	1205.5
-50°	6.9	13.0	24.8	50.7	114.1	207.2	338.1	508.3	703.1	908.3	1136.5
-52.5°	6.9	12.9	24.1	50.2	109.6	195.7	322.4	481.8	657.9	848.4	1060.8
-55°	6.9	12.6	23.2	49.1	103.8	186.0	303.3	450.9	610.6	782.7	984.7
-57.5°	6.9	12.4	22.2	47.5	96.7	175.2	280.9	421.1	558.9	718.8	901.9
-60°	6.9	12.1	21.1	45.3	88.8	162.7	256.3	383.6	504.6	651.8	816.1
-62.5°	6.9	11.9	20.3	42.6	83.2	148.4	235.7	342.0	454.0	579.8	731.1
-65°	6.9	11.6	19.5	39.5	76.8	132.5	212.9	300.9	400.3	513.1	640.6
-67.5°	6.9	11.2	18.6	35.9	69.6	117.7	188.0	265.5	343.7	445.3	556.2
-70°	6.9	10.9	17.7	31.9	61.6	104.4	161.0	228.4	297.7	374.4	472.6
-72.5°	6.9	10.6	16.7	29.2	52.9	89.9	138.5	189.7	250.1	316.7	389.4
-75°	6.9	10.2	15.6	26.7	43.7	74.6	115.5	156.0	200.7	257.3	319.0
-77.5°	6.9	9.8	14.5	24.0	37.7	58.4	91.3	123.5	159.1	199.1	246.5
-80°	6.9	9.4	13.4	21.2	32.4	46.9	66.2	90.2	117.2	147.9	182.1
-82.5°	6.9	9.0	12.3	18.3	26.9	38.0	51.5	62.0	74.5	95.7	119.4
-85°	6.9	8.6	11.1	15.3	21.2	28.8	38.0	45.0	52.5	60.5	69.0
-87.5°	6.9	8.2	9.9	12.2	15.4	19.4	24.3	28.0	31.9	36.2	40.6
-90°	6.9	7.8	8.7	8.3	7.8	7.4	6.9	6.5	6.1	5.6	5.2



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 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.1	12.1	12.1	12.1	12.5	13.0	13.4	13.8	14.7	15.6	16.4
87.5°	10.2	10.8	11.5	12.1	11.3	10.2	9.0	7.7	8.1	8.5	9.0
85°	15.2	16.4	17.9	19.1	18.2	17.5	17.0	16.6	17.5	18.3	18.8
82.5°	23.7	25.1	25.9	26.1	26.6	27.4	29.0	32.0	34.0	35.3	36.0
80°	33.0	33.9	34.7	36.9	41.1	45.9	51.3	57.2	59.2	59.4	58.7
77.5°	38.7	40.7	44.8	50.9	57.7	64.5	72.0	80.2	82.6	81.9	80.3
75°	42.0	46.9	54.1	62.8	71.8	81.0	90.9	100.1	102.7	99.8	95.9
72.5°	45.2	52.8	62.3	73.6	83.5	92.9	103.5	115.1	119.1	113.2	106.3
70°	48.5	58.0	68.8	80.0	91.2	102.0	112.3	123.4	130.0	120.9	106.8
67.5°	51.3	62.2	73.7	85.2	95.5	106.0	117.6	122.4	125.4	110.5	94.6
65°	54.5	66.1	76.6	86.8	97.7	102.1	105.9	109.9	109.3	92.3	75.4
62.5°	57.7	67.2	77.3	85.3	88.0	90.6	90.6	88.0	83.8	72.2	57.7
60°	58.8	67.1	74.0	76.8	77.4	74.9	71.7	68.4	63.3	53.5	43.6
57.5°	59.5	64.0	67.2	68.0	65.1	60.1	57.8	52.7	48.4	42.7	34.5
55°	59.2	58.7	60.5	58.9	55.4	51.4	47.3	44.0	38.6	36.9	33.2
52.5°	57.7	55.1	54.2	52.4	50.0	45.9	41.9	39.2	37.9	35.8	32.8
50°	57.2	53.7	49.6	49.5	47.6	44.5	40.3	39.7	39.8	37.9	34.4
47.5°	57.9	53.8	48.6	48.7	48.9	49.9	46.4	44.7	45.3	50.4	45.1
45°	59.8	57.6	52.1	52.0	56.8	63.3	69.0	53.1	69.1	77.2	83.5
42.5°	62.9	63.9	66.7	56.8	75.2	98.3	109.3	115.0	109.1	134.3	160.4
40°	69.8	72.3	91.6	99.2	107.0	154.9	221.3	236.8	179.9	250.2	293.6
37.5°	78.4	102.8	136.5	177.1	173.4	273.3	377.3	457.0	449.1	424.7	608.2
35°	88.2	140.5	231.2	321.7	361.4	456.1	647.8	786.7	869.3	919.2	1070.3
32.5°	115.4	185.1	349.5	541.9	707.5	801.4	982.4	1286.8	1574.9	1746.8	1745.1
30°	163.2	295.0	516.6	812.1	1134.1	1398.1	1547.8	1939.0	2487.9	2878.3	3138.5
27.5°	233.7	428.5	774.4	1202.4	1653.5	2101.8	2400.6	2908.8	3647.5	4242.5	4798.3
25°	319.9	640.6	1064.6	1666.7	2329.8	2899.3	3329.1	4035.6	4971.5	5904.8	6834.6
22.5°	457.1	886.8	1386.8	2174.1	3076.3	3723.6	4354.9	5216.0	6298.5	7608.6	9026.4
20°	648.3	1173.4	1730.8	2572.4	3822.9	4562.6	5337.7	6365.4	7628.0	9220.3	11113.2
17.5°	855.0	1444.0	2068.1	3006.3	4226.4	5251.5	6292.2	7463.5	8878.4	10725.6	12764.6
15°	1072.3	1698.4	2369.5	3393.8	4604.1	5711.7	6943.1	8466.4	10135.0	12132.6	14265.5
12.5°	1295.2	1936.7	2636.5	3735.1	4964.8	6128.6	7441.9	9026.2	10967.3	13310.5	15549.6
10°	1518.0	2158.6	2871.3	4030.8	5303.0	6501.3	7870.2	9491.2	11466.1	13813.8	16233.9
7.5°	1654.6	2305.1	3063.1	4281.9	5613.3	6829.2	8229.7	9864.8	11811.6	14173.5	16667.8
5°	1758.0	2371.0	3162.8	4453.0	5858.5	7072.1	8510.3	10151.1	12019.6	14392.8	16997.4
2.5°	1838.3	2419.5	3242.4	4580.2	6043.9	7204.1	8677.3	10334.3	12236.3	14665.3	17330.0
0°	1895.0	2452.3	3300.2	4667.4	6183.4	7289.3	8786.2	10444.2	12387.6	14902.2	17626.1
-2.5°	1950.1	2553.7	3417.8	4778.7	6203.5	7302.0	8827.7	10448.7	12387.5	14856.2	17503.3
-5°	1984.7	2638.1	3510.6	4848.8	6182.9	7275.9	8804.8	10385.9	12252.6	14586.8	17048.5
-7.5°	2002.7	2702.6	3577.6	4859.3	6076.1	7122.3	8529.6	10015.9	11807.0	13994.3	16264.1
-10°	2012.2	2741.5	3570.5	4713.1	5854.3	6875.6	8162.1	9586.1	11273.3	13307.3	15407.4
-12.5°	2038.7	2762.6	3538.2	4553.4	5613.5	6596.6	7754.6	9103.0	10654.1	12539.0	14465.8
-15°	2053.0	2773.3	3493.2	4388.6	5360.3	6287.7	7313.5	8571.4	9983.5	11669.6	13379.1
-17.5°	2057.0	2775.2	3438.4	4226.3	5100.9	5950.9	6879.4	8115.9	9401.6	10857.6	12315.5
-20°	2052.5	2770.0	3376.4	4073.5	4846.0	5706.2	6643.6	7722.3	8873.2	10104.3	11319.0



REPORT NUMBER: P1306153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-7F-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2041.2	2759.2	3324.1	3965.1	4723.6	5545.8	6408.2	7341.5	8331.9	9401.0	10632.8
-25°	2035.5	2719.6	3289.1	3888.4	4605.1	5377.3	6160.7	6989.9	7853.4	8972.9	10147.8
-27.5°	2026.6	2677.7	3220.4	3782.0	4468.0	5206.9	5941.7	6698.6	7585.0	8590.9	9681.1
-30°	1999.8	2576.5	3126.9	3657.4	4322.9	5034.8	5736.5	6456.0	7294.8	8243.1	9254.6
-32.5°	1924.6	2461.6	3002.8	3535.6	4148.3	4846.2	5524.6	6222.3	7000.4	7850.1	8823.2
-35°	1840.4	2343.2	2863.5	3384.6	3944.3	4617.5	5277.6	5951.9	6674.2	7471.4	8378.6
-37.5°	1779.1	2215.9	2714.4	3214.5	3751.7	4349.8	4997.1	5646.2	6330.0	7089.7	7947.7
-40°	1706.1	2080.2	2563.2	3041.8	3530.8	4082.2	4686.9	5309.9	5951.8	6709.4	7495.8
-42.5°	1624.4	1985.8	2406.4	2858.6	3319.8	3821.0	4360.7	4953.4	5597.5	6302.3	7040.6
-45°	1554.0	1879.6	2249.5	2672.7	3101.1	3555.2	4055.7	4585.7	5221.9	5877.6	6563.2
-47.5°	1473.8	1768.7	2116.6	2476.2	2879.8	3298.4	3741.1	4257.3	4822.5	5436.5	6065.4
-50°	1387.2	1668.3	1964.9	2299.3	2657.0	3040.2	3444.3	3915.3	4431.2	4979.8	5558.6
-52.5°	1300.0	1557.5	1830.5	2121.6	2446.4	2790.8	3165.1	3584.6	4041.2	4521.9	5032.6
-55°	1204.5	1444.9	1693.4	1957.4	2240.7	2553.1	2887.8	3262.9	3655.4	4091.2	4520.7
-57.5°	1106.3	1323.8	1553.0	1797.4	2052.0	2317.7	2621.0	2938.7	3293.4	3665.9	4044.9
-60°	1003.8	1198.6	1406.3	1631.1	1867.7	2107.0	2352.7	2634.1	2935.2	3244.8	3583.5
-62.5°	896.3	1071.1	1256.9	1456.2	1672.7	1889.3	2109.6	2342.4	2586.4	2864.4	3147.0
-65°	789.7	940.3	1105.7	1283.0	1468.5	1663.0	1860.6	2059.9	2273.3	2502.4	2740.4
-67.5°	677.3	813.4	955.6	1106.1	1270.9	1436.0	1608.4	1788.7	1970.0	2155.6	2351.0
-70°	576.2	684.1	808.0	939.4	1072.4	1207.7	1356.7	1511.4	1669.5	1827.3	1989.7
-72.5°	474.2	567.0	666.0	771.0	882.6	994.0	1110.4	1231.1	1359.5	1492.4	1627.3
-75°	381.6	447.3	528.5	616.0	701.3	785.1	872.4	970.5	1072.2	1174.6	1276.8
-77.5°	296.0	348.4	404.8	465.1	524.4	591.7	660.8	731.1	804.7	880.3	956.8
-80°	214.2	247.4	289.0	334.0	377.0	420.6	465.5	511.3	559.3	612.2	669.4
-82.5°	142.0	165.6	190.3	216.2	240.2	264.0	289.5	320.7	352.2	384.6	417.6
-85°	75.9	82.9	97.5	112.9	128.2	143.6	158.9	174.2	189.8	205.0	219.8
-87.5°	44.0	47.6	51.1	54.8	58.6	62.5	66.3	70.1	75.3	80.5	85.7
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	17.3	17.7	18.2	18.6	19.0	19.5	19.9	20.4	20.8	21.2	21.7
87.5°	9.5	8.8	8.1	7.3	6.6	8.6	10.8	13.0	15.2	14.0	12.9
85°	19.2	19.3	19.4	19.5	19.6	21.9	24.1	26.3	28.4	26.3	23.9
82.5°	36.2	35.7	34.4	32.6	30.2	29.6	28.9	27.8	26.4	25.3	24.3
80°	57.4	54.5	50.8	46.3	41.3	38.7	36.3	33.7	30.8	29.9	29.2
77.5°	77.2	71.9	65.5	58.6	51.3	46.7	42.5	38.0	33.3	31.9	31.1
75°	91.2	84.4	75.3	65.5	55.2	48.1	42.4	36.8	31.2	29.8	29.6
72.5°	98.4	89.0	77.4	63.8	50.8	42.2	36.8	32.1	27.8	26.3	25.6
70°	92.5	78.2	64.9	52.3	40.8	33.0	29.3	26.0	23.0	22.2	22.7
67.5°	78.2	63.8	51.6	40.8	31.6	25.3	23.1	21.3	20.0	19.5	19.5
65°	61.1	48.9	39.0	30.8	24.2	20.4	19.6	18.9	18.2	17.6	17.0
62.5°	45.1	35.8	29.6	24.9	21.3	19.0	18.4	17.7	16.8	15.9	15.2
60°	35.1	27.9	24.7	22.6	20.8	19.3	18.7	18.3	18.0	17.8	17.2
57.5°	30.5	26.8	23.9	22.7	21.8	21.0	20.7	20.3	19.7	18.9	18.3
55°	29.7	26.9	24.4	23.7	23.3	22.8	22.2	21.6	20.9	20.2	19.9
52.5°	29.8	28.6	26.7	25.8	26.2	25.5	24.0	24.8	24.9	24.2	23.9
50°	33.7	34.1	34.5	31.6	34.5	35.8	34.0	35.5	37.7	37.9	37.8
47.5°	47.8	51.0	55.1	51.9	55.7	61.5	61.0	61.4	66.6	67.2	67.0
45°	76.2	90.0	96.5	100.2	98.8	112.2	114.8	110.4	117.5	118.9	116.9
42.5°	152.6	160.2	177.4	191.0	183.2	197.1	201.2	188.6	200.9	206.4	200.4
40°	341.7	271.7	322.6	357.7	345.5	318.6	365.2	348.5	346.9	366.3	351.1
37.5°	674.6	598.8	651.0	751.4	747.7	621.4	762.3	753.1	633.1	775.4	763.0
35°	1209.9	1350.1	1287.6	1475.2	1529.5	1557.8	1635.9	1716.7	1628.3	1744.8	1741.8
32.5°	2166.5	2457.3	2585.8	2608.6	2849.4	3045.6	2962.5	3277.2	3258.0	3336.7	3417.1
30°	3420.3	4068.4	4396.4	4404.6	4804.0	5155.6	5267.1	5662.1	5895.7	5857.0	6248.2
27.5°	5457.0	6093.8	6634.0	7094.9	7406.2	7960.6	8732.2	9121.5	9695.5	9920.6	10461.4
25°	7758.3	8549.4	9402.3	10204.5	10863.3	11856.3	12816.6	13422.1	14243.3	14886.9	15540.9
22.5°	10251.5	11300.9	12395.1	13595.2	14820.4	16031.9	17198.3	18317.1	19411.9	20621.3	21360.6
20°	12800.3	13986.5	15318.4	16944.8	18644.7	20105.6	21698.8	23453.0	25130.1	26691.0	27870.1
17.5°	14737.2	16572.8	18015.8	19775.3	21886.2	23944.2	25975.3	28288.7	30422.3	32412.5	34187.4
15°	16216.4	18140.6	20232.0	22355.8	24579.5	27029.9	29823.8	32355.2	34990.8	37331.5	39523.6
12.5°	17505.7	19459.2	21647.9	24124.8	26929.6	29560.5	32488.6	35654.4	38450.6	41200.3	43257.1
10°	18457.2	20627.3	22846.2	25336.5	28196.8	31268.4	34441.7	37641.7	40777.1	43431.5	45641.2
7.5°	18982.1	21286.9	23608.4	26209.0	29149.6	32170.9	35340.9	38682.0	41838.0	44571.6	46600.9
5°	19409.4	21752.5	24047.2	26658.1	29722.1	32723.3	35760.1	38948.8	42253.4	44949.7	47060.9
2.5°	19782.4	22068.4	24306.9	26849.0	30006.6	33021.1	36143.4	39449.0	42644.5	45245.4	47300.6
0°	20106.1	22264.1	24453.3	26973.1	30275.1	33326.1	36397.9	39632.4	42887.7	45421.2	47501.4
-2.5°	19871.9	21987.9	24145.0	26720.6	29869.6	32870.9	35960.1	39235.5	42318.8	44885.1	46901.8
-5°	19261.3	21299.5	23441.5	26010.9	29016.7	31956.5	35004.6	38159.5	41057.9	43623.6	45478.7
-7.5°	18368.5	20363.9	22497.5	25026.6	27823.7	30491.9	33215.9	36140.4	39025.4	41290.7	43057.6
-10°	17376.2	19275.3	21239.1	23463.4	25940.1	28432.2	30935.3	33653.9	36195.8	38322.8	40023.9
-12.5°	16198.0	17884.9	19693.1	21633.2	23907.0	26280.5	28667.4	31048.7	33393.2	35306.6	36847.5
-15°	14925.4	16417.2	18068.6	19945.2	21971.1	24065.6	26218.7	28492.8	30604.2	32386.5	33745.1
-17.5°	13670.1	15005.9	16684.4	18390.5	20027.8	21948.4	24089.8	25970.3	27897.1	29497.6	30697.7
-20°	12605.8	14043.0	15502.5	16960.2	18524.2	20391.5	22207.1	23980.1	25692.4	27149.6	28342.9



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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°	11912.1	13174.8	14420.2	15799.0	17389.0	19036.8	20680.0	22291.9	23841.6	25225.9	26360.9
-25°	11281.2	12349.8	13583.1	14983.0	16325.6	17770.9	19322.5	20669.8	22139.7	23393.3	24364.4
-27.5°	10729.7	11787.2	12997.5	14256.7	15470.9	16773.7	18186.8	19472.8	20795.6	22001.1	22848.4
-30°	10249.5	11345.0	12483.1	13635.0	14778.6	15983.9	17212.1	18455.0	19668.7	20761.8	21576.2
-32.5°	9840.3	10868.0	11935.3	13007.3	14050.0	15147.9	16287.3	17429.9	18554.3	19510.7	20308.1
-35°	9375.0	10358.9	11350.6	12313.4	13279.1	14261.2	15318.6	16388.3	17394.3	18267.5	19045.9
-37.5°	8855.8	9803.7	10708.9	11585.2	12480.5	13388.6	14368.0	15350.8	16274.9	17065.2	17807.4
-40°	8339.1	9202.9	10022.7	10840.6	11661.4	12511.8	13397.6	14277.6	15088.7	15836.2	16527.9
-42.5°	7802.2	8558.3	9304.4	10065.9	10823.0	11589.9	12381.3	13181.4	13904.3	14586.1	15199.2
-45°	7260.5	7909.4	8568.6	9266.1	9957.4	10645.9	11331.0	12006.5	12683.2	13318.6	13836.4
-47.5°	6684.5	7270.0	7868.5	8468.2	9087.7	9716.1	10315.1	10899.8	11497.5	12065.3	12493.1
-50°	6103.1	6645.3	7186.2	7714.6	8262.2	8815.0	9360.7	9875.4	10376.1	10859.0	11193.4
-52.5°	5517.6	6019.0	6514.7	6992.5	7467.7	7938.8	8401.2	8857.8	9296.6	9710.4	9975.6
-55°	4961.6	5408.7	5844.6	6262.0	6681.3	7095.0	7502.8	7902.3	8281.0	8636.9	8841.4
-57.5°	4438.7	4828.1	5209.7	5569.1	5920.1	6261.1	6621.5	6984.4	7325.4	7631.2	7796.0
-60°	3929.1	4279.9	4607.4	4907.8	5208.8	5508.3	5811.9	6111.6	6403.5	6657.5	6799.4
-62.5°	3428.0	3727.7	4006.5	4264.9	4513.6	4760.9	5024.3	5277.1	5517.5	5713.6	5833.9
-65°	2988.9	3242.9	3451.6	3657.4	3861.6	4079.1	4297.9	4506.6	4704.1	4857.6	4958.9
-67.5°	2562.0	2770.9	2944.6	3115.4	3286.3	3459.3	3635.4	3806.1	3970.1	4094.2	4182.3
-70°	2156.1	2314.0	2450.1	2589.1	2730.7	2872.1	3013.6	3149.9	3280.0	3374.6	3445.5
-72.5°	1763.6	1885.5	1991.4	2099.4	2205.9	2315.4	2425.0	2530.4	2630.7	2698.4	2748.1
-75°	1378.4	1466.9	1551.8	1634.1	1713.5	1795.0	1875.6	1952.7	2025.7	2077.1	2118.0
-77.5°	1037.7	1100.6	1156.0	1210.3	1263.1	1319.7	1375.0	1427.2	1476.0	1511.7	1541.8
-80°	727.0	767.5	802.9	836.2	867.2	902.3	936.6	969.1	999.4	1020.2	1036.8
-82.5°	451.1	475.0	496.2	515.8	533.6	552.0	569.0	584.5	598.3	614.6	629.7
-85°	234.0	243.8	252.9	261.2	268.9	276.4	283.2	289.2	294.5	297.5	299.6
-87.5°	91.0	93.3	95.3	97.3	99.0	101.4	103.7	105.8	107.7	109.5	111.1
-90°	5.2	4.8	4.4	3.9	3.5	3.5	3.5	3.5	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°	22.1	22.5	22.5	22.5	22.5	22.5	22.1	21.7	21.2	20.8	20.4
87.5°	11.6	10.4	9.5	8.7	9.5	10.4	11.6	12.9	14.0	15.2	13.0
85°	21.5	19.0	17.3	15.6	17.3	19.0	21.5	23.9	26.3	28.4	26.3
82.5°	23.4	22.5	22.5	22.5	22.5	22.5	23.4	24.3	25.3	26.4	27.8
80°	28.4	27.6	28.5	29.4	28.5	27.6	28.4	29.2	29.9	30.8	33.7
77.5°	30.3	29.4	29.4	29.4	29.4	29.4	30.3	31.1	31.9	33.3	38.0
75°	29.5	29.4	28.6	27.7	28.6	29.4	29.5	29.6	29.8	31.2	36.8
72.5°	25.0	24.4	24.2	24.2	24.2	24.4	25.0	25.6	26.3	27.8	32.1
70°	23.3	24.1	23.4	22.5	23.4	24.1	23.3	22.7	22.2	23.0	26.0
67.5°	19.3	19.2	19.0	19.0	19.0	19.2	19.3	19.5	19.5	20.0	21.3
65°	16.4	15.8	15.6	15.6	15.6	15.8	16.4	17.0	17.6	18.2	18.9
62.5°	14.6	14.0	13.8	13.8	13.8	14.0	14.6	15.2	15.9	16.8	17.7
60°	16.6	15.8	14.8	13.8	14.8	15.8	16.6	17.2	17.8	18.0	18.3
57.5°	17.8	17.4	17.3	17.3	17.3	17.4	17.8	18.3	18.9	19.7	20.3
55°	19.5	19.1	19.0	19.0	19.0	19.1	19.5	19.9	20.2	20.9	21.6
52.5°	23.4	22.7	21.8	20.8	21.8	22.7	23.4	23.9	24.2	24.9	24.8
50°	37.0	35.2	34.4	34.6	34.4	35.2	37.0	37.8	37.9	37.7	35.5
47.5°	68.3	68.3	68.0	67.5	68.0	68.3	68.3	67.0	67.2	66.6	61.4
45°	116.3	111.6	107.1	105.6	107.1	111.6	116.3	116.9	118.9	117.5	110.4
42.5°	204.3	203.3	199.7	195.6	199.7	203.3	204.3	200.4	206.4	200.9	188.6
40°	355.1	350.3	342.0	344.4	342.0	350.3	355.1	351.1	366.3	346.9	348.5
37.5°	739.6	704.1	650.3	650.7	650.3	704.1	739.6	763.0	775.4	633.1	753.1
35°	1731.2	1760.2	1725.8	1725.4	1725.8	1760.2	1731.2	1741.8	1744.8	1628.3	1716.7
32.5°	3312.9	3264.8	3069.6	2968.0	3069.6	3264.8	3312.9	3417.1	3336.7	3258.0	3277.2
30°	6241.2	6272.2	5979.7	5986.1	5979.7	6272.2	6241.2	6248.2	5857.0	5895.7	5662.1
27.5°	10679.5	10917.1	10854.7	10750.5	10854.7	10917.1	10679.5	10461.4	9920.6	9695.5	9121.5
25°	15969.8	16148.8	16028.9	15956.1	16028.9	16148.8	15969.8	15540.9	14886.9	14243.3	13422.1
22.5°	22078.5	22327.7	22265.1	21949.2	22265.1	22327.7	22078.5	21360.6	20621.3	19411.9	18317.1
20°	28841.0	29267.8	29515.8	29356.1	29515.8	29267.8	28841.0	27870.1	26691.0	25130.1	23453.0
17.5°	35447.9	35998.3	36420.4	36562.3	36420.4	35998.3	35447.9	34187.4	32412.5	30422.3	28288.7
15°	41003.5	41790.6	42344.9	42541.5	42344.9	41790.6	41003.5	39523.6	37331.5	34990.8	32355.2
12.5°	44990.4	46014.9	46665.0	46860.3	46665.0	46014.9	44990.4	43257.1	41200.3	38450.6	35654.4
10°	47182.8	48474.2	49214.1	49522.8	49214.1	48474.2	47182.8	45641.2	43431.5	40777.1	37641.7
7.5°	48407.8	49574.1	50273.3	50376.8	50273.3	49574.1	48407.8	46600.9	44571.6	41838.0	38682.0
5°	48805.2	49864.9	50442.0	50495.4	50442.0	49864.9	48805.2	47060.9	44949.7	42253.4	38948.8
2.5°	48979.4	49874.9	50300.5	50191.7	50300.5	49874.9	48979.4	47300.6	45245.4	42644.5	39449.0
0°	48890.3	49690.6	50142.3	50209.8	50142.3	49690.6	48890.3	47501.4	45421.2	42887.7	39632.4
-2.5°	48164.2	48760.3	49080.6	48874.7	49080.6	48760.3	48164.2	46901.8	44885.1	42318.8	39235.5
-5°	46508.9	46937.8	47071.5	47146.6	47071.5	46937.8	46508.9	45478.7	43623.6	41057.9	38159.5
-7.5°	44116.4	44466.3	44598.5	44505.8	44598.5	44466.3	44116.4	43057.6	41290.7	39025.4	36140.4
-10°	40962.9	41283.6	41395.7	41331.8	41395.7	41283.6	40962.9	40023.9	38322.8	36195.8	33653.9
-12.5°	37770.9	38150.9	38238.1	38243.6	38238.1	38150.9	37770.9	36847.5	35306.6	33393.2	31048.7
-15°	34632.9	35067.4	35200.2	35316.3	35200.2	35067.4	34632.9	33745.1	32386.5	30604.2	28492.8
-17.5°	31549.5	31981.1	32093.2	31941.6	32093.2	31981.1	31549.5	30697.7	29497.6	27897.1	25970.3
-20°	29015.0	29238.7	29477.5	29475.5	29477.5	29238.7	29015.0	28342.9	27149.6	25692.4	23980.1



REPORT NUMBER: P1306153 (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°	26921.6	27291.6	27494.9	27639.4	27494.9	27291.6	26921.6	26360.9	25225.9	23841.6	22291.9
-25°	24958.3	25272.5	25398.9	25495.2	25398.9	25272.5	24958.3	24364.4	23393.3	22139.7	20669.8
-27.5°	23446.0	23764.8	23945.1	24051.8	23945.1	23764.8	23446.0	22848.4	22001.1	20795.6	19472.8
-30°	22239.8	22553.1	22767.9	22902.7	22767.9	22553.1	22239.8	21576.2	20761.8	19668.7	18455.0
-32.5°	20940.1	21267.7	21491.7	21630.7	21491.7	21267.7	20940.1	20308.1	19510.7	18554.3	17429.9
-35°	19589.5	19917.2	20158.9	20272.2	20158.9	19917.2	19589.5	19045.9	18267.5	17394.3	16388.3
-37.5°	18277.4	18583.3	18796.9	18880.8	18796.9	18583.3	18277.4	17807.4	17065.2	16274.9	15350.8
-40°	16909.6	17198.3	17396.6	17473.8	17396.6	17198.3	16909.6	16527.9	15836.2	15088.7	14277.6
-42.5°	15530.5	15799.7	15982.9	16059.9	15982.9	15799.7	15530.5	15199.2	14586.1	13904.3	13181.4
-45°	14133.4	14372.9	14528.0	14587.2	14528.0	14372.9	14133.4	13836.4	13318.6	12683.2	12006.5
-47.5°	12758.3	12974.3	13107.6	13150.8	13107.6	12974.3	12758.3	12493.1	12065.3	11497.5	10899.8
-50°	11416.0	11592.9	11714.9	11783.6	11714.9	11592.9	11416.0	11193.4	10859.0	10376.1	9875.4
-52.5°	10174.4	10335.1	10430.8	10468.4	10430.8	10335.1	10174.4	9975.6	9710.4	9296.6	8857.8
-55°	9010.8	9149.8	9231.1	9263.9	9231.1	9149.8	9010.8	8841.4	8636.9	8281.0	7902.3
-57.5°	7936.1	8050.1	8126.8	8170.1	8126.8	8050.1	7936.1	7796.0	7631.2	7325.4	6984.4
-60°	6917.3	7010.6	7075.1	7112.8	7075.1	7010.6	6917.3	6799.4	6657.5	6403.5	6111.6
-62.5°	5933.8	6013.1	6065.3	6095.2	6065.3	6013.1	5933.8	5833.9	5713.6	5517.5	5277.1
-65°	5044.5	5114.1	5147.7	5160.6	5147.7	5114.1	5044.5	4958.9	4857.6	4704.1	4506.6
-67.5°	4257.8	4320.5	4343.2	4347.3	4343.2	4320.5	4257.8	4182.3	4094.2	3970.1	3806.1
-70°	3506.8	3557.8	3575.0	3577.1	3575.0	3557.8	3506.8	3445.5	3374.6	3280.0	3149.9
-72.5°	2789.1	2821.2	2846.1	2862.4	2846.1	2821.2	2789.1	2748.1	2698.4	2630.7	2530.4
-75°	2152.2	2179.8	2191.7	2196.1	2191.7	2179.8	2152.2	2118.0	2077.1	2025.7	1952.7
-77.5°	1567.4	1588.4	1593.1	1592.1	1593.1	1588.4	1567.4	1541.8	1511.7	1476.0	1427.2
-80°	1050.0	1059.7	1066.1	1069.5	1066.1	1059.7	1050.0	1036.8	1020.2	999.4	969.1
-82.5°	643.3	655.2	643.0	628.2	643.0	655.2	643.3	629.7	614.6	598.3	584.5
-85°	300.9	301.5	302.5	302.9	302.5	301.5	300.9	299.6	297.5	294.5	289.2
-87.5°	112.6	113.8	113.3	112.5	113.3	113.8	112.6	111.1	109.5	107.7	105.8
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	19.9	19.5	19.0	18.6	18.2	17.7	17.3	16.4	15.6	14.7	13.8
87.5°	10.8	8.6	6.6	7.3	8.1	8.8	9.5	9.0	8.5	8.1	7.7
85°	24.1	21.9	19.6	19.5	19.4	19.3	19.2	18.8	18.3	17.5	16.6
82.5°	28.9	29.6	30.2	32.6	34.4	35.7	36.2	36.0	35.3	34.0	32.0
80°	36.3	38.7	41.3	46.3	50.8	54.5	57.4	58.7	59.4	59.2	57.2
77.5°	42.5	46.7	51.3	58.6	65.5	71.9	77.2	80.3	81.9	82.6	80.2
75°	42.4	48.1	55.2	65.5	75.3	84.4	91.2	95.9	99.8	102.7	100.1
72.5°	36.8	42.2	50.8	63.8	77.4	89.0	98.4	106.3	113.2	119.1	115.1
70°	29.3	33.0	40.8	52.3	64.9	78.2	92.5	106.8	120.9	130.0	123.4
67.5°	23.1	25.3	31.6	40.8	51.6	63.8	78.2	94.6	110.5	125.4	122.4
65°	19.6	20.4	24.2	30.8	39.0	48.9	61.1	75.4	92.3	109.3	109.9
62.5°	18.4	19.0	21.3	24.9	29.6	35.8	45.1	57.7	72.2	83.8	88.0
60°	18.7	19.3	20.8	22.6	24.7	27.9	35.1	43.6	53.5	63.3	68.4
57.5°	20.7	21.0	21.8	22.7	23.9	26.8	30.5	34.5	42.7	48.4	52.7
55°	22.2	22.8	23.3	23.7	24.4	26.9	29.7	33.2	36.9	38.6	44.0
52.5°	24.0	25.5	26.2	25.8	26.7	28.6	29.8	32.8	35.8	37.9	39.2
50°	34.0	35.8	34.5	31.6	34.5	34.1	33.7	34.4	37.9	39.8	39.7
47.5°	61.0	61.5	55.7	51.9	55.1	51.0	47.8	45.1	50.4	45.3	44.7
45°	114.8	112.2	98.8	100.2	96.5	90.0	76.2	83.5	77.2	69.1	53.1
42.5°	201.2	197.1	183.2	191.0	177.4	160.2	152.6	160.4	134.3	109.1	115.0
40°	365.2	318.6	345.5	357.7	322.6	271.7	341.7	293.6	250.2	179.9	236.8
37.5°	762.3	621.4	747.7	751.4	651.0	598.8	674.6	608.2	424.7	449.1	457.0
35°	1635.9	1557.8	1529.5	1475.2	1287.6	1350.1	1209.9	1070.3	919.2	869.3	786.7
32.5°	2962.5	3045.6	2849.4	2608.6	2585.8	2457.3	2166.5	1745.1	1746.8	1574.9	1286.8
30°	5267.1	5155.6	4804.0	4404.6	4396.4	4068.4	3420.3	3138.5	2878.3	2487.9	1939.0
27.5°	8732.2	7960.6	7406.2	7094.9	6634.0	6093.8	5457.0	4798.3	4242.5	3647.5	2908.8
25°	12816.6	11856.3	10863.3	10204.5	9402.3	8549.4	7758.3	6834.6	5904.8	4971.5	4035.6
22.5°	17198.3	16031.9	14820.4	13595.2	12395.1	11300.9	10251.5	9026.4	7608.6	6298.5	5216.0
20°	21698.8	20105.6	18644.7	16944.8	15318.4	13986.5	12800.3	11113.2	9220.3	7628.0	6365.4
17.5°	25975.3	23944.2	21886.2	19775.3	18015.8	16572.8	14737.2	12764.6	10725.6	8878.4	7463.5
15°	29823.8	27029.9	24579.5	22355.8	20232.0	18140.6	16216.4	14265.5	12132.6	10135.0	8466.4
12.5°	32488.6	29560.5	26929.6	24124.8	21647.9	19459.2	17505.7	15549.6	13310.5	10967.3	9026.2
10°	34441.7	31268.4	28196.8	25336.5	22846.2	20627.3	18457.2	16233.9	13813.8	11466.1	9491.2
7.5°	35340.9	32170.9	29149.6	26209.0	23608.4	21286.9	18982.1	16667.8	14173.5	11811.6	9864.8
5°	35760.1	32723.3	29722.1	26658.1	24047.2	21752.5	19409.4	16997.4	14392.8	12019.6	10151.1
2.5°	36143.4	33021.1	30006.6	26849.0	24306.9	22068.4	19782.4	17330.0	14665.3	12236.3	10334.3
0°	36397.9	33326.1	30275.1	26973.1	24453.3	22264.1	20106.1	17626.1	14902.2	12387.6	10444.2
-2.5°	35960.1	32870.9	29869.6	26720.6	24145.0	21987.9	19871.9	17503.3	14856.2	12387.5	10448.7
-5°	35004.6	31956.5	29016.7	26010.9	23441.5	21299.5	19261.3	17048.5	14586.8	12252.6	10385.9
-7.5°	33215.9	30491.9	27823.7	25026.6	22497.5	20363.9	18368.5	16264.1	13994.3	11807.0	10015.9
-10°	30935.3	28432.2	25940.1	23463.4	21239.1	19275.3	17376.2	15407.4	13307.3	11273.3	9586.1
-12.5°	28667.4	26280.5	23907.0	21633.2	19693.1	17884.9	16198.0	14465.8	12539.0	10654.1	9103.0
-15°	26218.7	24065.6	21971.1	19945.2	18068.6	16417.2	14925.4	13379.1	11669.6	9983.5	8571.4
-17.5°	24089.8	21948.4	20027.8	18390.5	16684.4	15005.9	13670.1	12315.5	10857.6	9401.6	8115.9
-20°	22207.1	20391.5	18524.2	16960.2	15502.5	14043.0	12605.8	11319.0	10104.3	8873.2	7722.3



REPORT NUMBER: P1306153 (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°	20680.0	19036.8	17389.0	15799.0	14420.2	13174.8	11912.1	10632.8	9401.0	8331.9	7341.5
-25°	19322.5	17770.9	16325.6	14983.0	13583.1	12349.8	11281.2	10147.8	8972.9	7853.4	6989.9
-27.5°	18186.8	16773.7	15470.9	14256.7	12997.5	11787.2	10729.7	9681.1	8590.9	7585.0	6698.6
-30°	17212.1	15983.9	14778.6	13635.0	12483.1	11345.0	10249.5	9254.6	8243.1	7294.8	6456.0
-32.5°	16287.3	15147.9	14050.0	13007.3	11935.3	10868.0	9840.3	8823.2	7850.1	7000.4	6222.3
-35°	15318.6	14261.2	13279.1	12313.4	11350.6	10358.9	9375.0	8378.6	7471.4	6674.2	5951.9
-37.5°	14368.0	13388.6	12480.5	11585.2	10708.9	9803.7	8855.8	7947.7	7089.7	6330.0	5646.2
-40°	13397.6	12511.8	11661.4	10840.6	10022.7	9202.9	8339.1	7495.8	6709.4	5951.8	5309.9
-42.5°	12381.3	11589.9	10823.0	10065.9	9304.4	8558.3	7802.2	7040.6	6302.3	5597.5	4953.4
-45°	11331.0	10645.9	9957.4	9266.1	8568.6	7909.4	7260.5	6563.2	5877.6	5221.9	4585.7
-47.5°	10315.1	9716.1	9087.7	8468.2	7868.5	7270.0	6684.5	6065.4	5436.5	4822.5	4257.3
-50°	9360.7	8815.0	8262.2	7714.6	7186.2	6645.3	6103.1	5558.6	4979.8	4431.2	3915.3
-52.5°	8401.2	7938.8	7467.7	6992.5	6514.7	6019.0	5517.6	5032.6	4521.9	4041.2	3584.6
-55°	7502.8	7095.0	6681.3	6262.0	5844.6	5408.7	4961.6	4520.7	4091.2	3655.4	3262.9
-57.5°	6621.5	6261.1	5920.1	5569.1	5209.7	4828.1	4438.7	4044.9	3665.9	3293.4	2938.7
-60°	5811.9	5508.3	5208.8	4907.8	4607.4	4279.9	3929.1	3583.5	3244.8	2935.2	2634.1
-62.5°	5024.3	4760.9	4513.6	4264.9	4006.5	3727.7	3428.0	3147.0	2864.4	2586.4	2342.4
-65°	4297.9	4079.1	3861.6	3657.4	3451.6	3242.9	2988.9	2740.4	2502.4	2273.3	2059.9
-67.5°	3635.4	3459.3	3286.3	3115.4	2944.6	2770.9	2562.0	2351.0	2155.6	1970.0	1788.7
-70°	3013.6	2872.1	2730.7	2589.1	2450.1	2314.0	2156.1	1989.7	1827.3	1669.5	1511.4
-72.5°	2425.0	2315.4	2205.9	2099.4	1991.4	1885.5	1763.6	1627.3	1492.4	1359.5	1231.1
-75°	1875.6	1795.0	1713.5	1634.1	1551.8	1466.9	1378.4	1276.8	1174.6	1072.2	970.5
-77.5°	1375.0	1319.7	1263.1	1210.3	1156.0	1100.6	1037.7	956.8	880.3	804.7	731.1
-80°	936.6	902.3	867.2	836.2	802.9	767.5	727.0	669.4	612.2	559.3	511.3
-82.5°	569.0	552.0	533.6	515.8	496.2	475.0	451.1	417.6	384.6	352.2	320.7
-85°	283.2	276.4	268.9	261.2	252.9	243.8	234.0	219.8	205.0	189.8	174.2
-87.5°	103.7	101.4	99.0	97.3	95.3	93.3	91.0	85.7	80.5	75.3	70.1
-90°	3.5	3.5	3.5	3.9	4.4	4.8	5.2	5.2	5.2	5.2	5.2



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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°	13.4	13.0	12.5	12.1	12.1	12.1	12.1	12.1	11.7	11.3	10.8
87.5°	9.0	10.2	11.3	12.1	11.5	10.8	10.2	9.6	9.9	10.2	10.4
85°	17.0	17.5	18.2	19.1	17.9	16.4	15.2	14.0	14.3	14.4	14.3
82.5°	29.0	27.4	26.6	26.1	25.9	25.1	23.7	21.6	19.5	18.6	18.3
80°	51.3	45.9	41.1	36.9	34.7	33.9	33.0	30.7	26.0	22.8	21.1
77.5°	72.0	64.5	57.7	50.9	44.8	40.7	38.7	37.7	32.3	26.9	23.4
75°	90.9	81.0	71.8	62.8	54.1	46.9	42.0	38.8	34.6	30.4	25.4
72.5°	103.5	92.9	83.5	73.6	62.3	52.8	45.2	39.8	35.5	31.2	26.9
70°	112.3	102.0	91.2	80.0	68.8	58.0	48.5	41.9	36.4	32.0	27.5
67.5°	117.6	106.0	95.5	85.2	73.7	62.2	51.3	44.2	38.5	32.7	28.2
65°	105.9	102.1	97.7	86.8	76.6	66.1	54.5	46.7	40.4	34.4	28.7
62.5°	90.6	90.6	88.0	85.3	77.3	67.2	57.7	49.7	42.4	36.1	29.9
60°	71.7	74.9	77.4	76.8	74.0	67.1	58.8	52.5	44.7	37.6	31.2
57.5°	57.8	60.1	65.1	68.0	67.2	64.0	59.5	53.9	46.7	39.3	32.6
55°	47.3	51.4	55.4	58.9	60.5	58.7	59.2	54.7	48.4	40.7	34.1
52.5°	41.9	45.9	50.0	52.4	54.2	55.1	57.7	55.6	49.3	42.0	35.8
50°	40.3	44.5	47.6	49.5	49.6	53.7	57.2	55.9	50.2	43.0	37.7
47.5°	46.4	49.9	48.9	48.7	48.6	53.8	57.9	56.9	51.2	43.9	39.7
45°	69.0	63.3	56.8	52.0	52.1	57.6	59.8	58.6	53.0	46.5	41.9
42.5°	109.3	98.3	75.2	56.8	66.7	63.9	62.9	61.6	55.4	49.4	44.4
40°	221.3	154.9	107.0	99.2	91.6	72.3	69.8	65.5	58.7	53.1	47.2
37.5°	377.3	273.3	173.4	177.1	136.5	102.8	78.4	70.2	64.4	57.8	50.3
35°	647.8	456.1	361.4	321.7	231.2	140.5	88.2	77.0	71.2	62.7	53.5
32.5°	982.4	801.4	707.5	541.9	349.5	185.1	115.4	89.8	79.0	67.9	56.9
30°	1547.8	1398.1	1134.1	812.1	516.6	295.0	163.2	104.5	87.5	73.2	60.7
27.5°	2400.6	2101.8	1653.5	1202.4	774.4	428.5	233.7	120.9	96.7	79.4	65.1
25°	3329.1	2899.3	2329.8	1666.7	1064.6	640.6	319.9	140.8	109.0	86.8	69.4
22.5°	4354.9	3723.6	3076.3	2174.1	1386.8	886.8	457.1	206.6	123.3	94.4	73.8
20°	5337.7	4562.6	3822.9	2572.4	1730.8	1173.4	648.3	280.4	138.4	102.3	78.2
17.5°	6292.2	5251.5	4226.4	3006.3	2068.1	1444.0	855.0	360.3	153.9	110.3	82.5
15°	6943.1	5711.7	4604.1	3393.8	2369.5	1698.4	1072.3	444.3	169.7	118.3	89.0
12.5°	7441.9	6128.6	4964.8	3735.1	2636.5	1936.7	1295.2	530.3	185.4	130.7	98.5
10°	7870.2	6501.3	5303.0	4030.8	2871.3	2158.6	1518.0	611.4	209.7	146.7	107.9
7.5°	8229.7	6829.2	5613.3	4281.9	3063.1	2305.1	1654.6	677.3	234.8	162.6	117.2
5°	8510.3	7072.1	5858.5	4453.0	3162.8	2371.0	1758.0	734.9	259.3	178.3	126.4
2.5°	8677.3	7204.1	6043.9	4580.2	3242.4	2419.5	1838.3	783.4	282.6	193.4	135.2
0°	8786.2	7289.3	6183.4	4667.4	3300.2	2452.3	1895.0	822.0	304.6	207.7	143.6
-2.5°	8827.7	7302.0	6203.5	4778.7	3417.8	2553.7	1950.1	929.3	407.4	278.2	188.8
-5°	8804.8	7275.9	6182.9	4848.8	3510.6	2638.1	1984.7	1026.1	507.0	346.6	232.8
-7.5°	8529.6	7122.3	6076.1	4859.3	3577.6	2702.6	2002.7	1112.3	601.8	411.9	275.1
-10°	8162.1	6875.6	5854.3	4713.1	3570.5	2741.5	2012.2	1188.1	690.5	473.1	314.8
-12.5°	7754.6	6596.6	5613.5	4553.4	3538.2	2762.6	2038.7	1258.8	771.6	529.2	351.5
-15°	7313.5	6287.7	5360.3	4388.6	3493.2	2773.3	2053.0	1319.3	844.9	582.4	384.5
-17.5°	6879.4	5950.9	5100.9	4226.3	3438.4	2775.2	2057.0	1366.0	909.6	633.7	419.8
-20°	6643.6	5706.2	4846.0	4073.5	3376.4	2770.0	2052.5	1398.6	965.2	678.9	455.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6408.2	5545.8	4723.6	3965.1	3324.1	2759.2	2041.2	1416.6	1010.7	717.6	487.3
-25°	6160.7	5377.3	4605.1	3888.4	3289.1	2719.6	2035.5	1419.7	1045.6	749.3	513.6
-27.5°	5941.7	5206.9	4468.0	3782.0	3220.4	2677.7	2026.6	1453.4	1073.1	773.6	534.6
-30°	5736.5	5034.8	4322.9	3657.4	3126.9	2576.5	1999.8	1474.6	1097.7	794.5	550.0
-32.5°	5524.6	4846.2	4148.3	3535.6	3002.8	2461.6	1924.6	1481.0	1112.2	810.1	563.2
-35°	5277.6	4617.5	3944.3	3384.6	2863.5	2343.2	1840.4	1472.3	1116.7	817.8	571.5
-37.5°	4997.1	4349.8	3751.7	3214.5	2714.4	2215.9	1779.1	1428.8	1110.8	817.5	573.7
-40°	4686.9	4082.2	3530.8	3041.8	2563.2	2080.2	1706.1	1382.9	1100.5	809.1	569.8
-42.5°	4360.7	3821.0	3319.8	2858.6	2406.4	1985.8	1624.4	1328.4	1063.0	796.3	559.6
-45°	4055.7	3555.2	3101.1	2672.7	2249.5	1879.6	1554.0	1266.8	1015.8	777.2	545.7
-47.5°	3741.1	3298.4	2879.8	2476.2	2116.6	1768.7	1473.8	1205.5	962.1	749.5	529.6
-50°	3444.3	3040.2	2657.0	2299.3	1964.9	1668.3	1387.2	1136.5	908.3	703.1	508.3
-52.5°	3165.1	2790.8	2446.4	2121.6	1830.5	1557.5	1300.0	1060.8	848.4	657.9	481.8
-55°	2887.8	2553.1	2240.7	1957.4	1693.4	1444.9	1204.5	984.7	782.7	610.6	450.9
-57.5°	2621.0	2317.7	2052.0	1797.4	1553.0	1323.8	1106.3	901.9	718.8	558.9	421.1
-60°	2352.7	2107.0	1867.7	1631.1	1406.3	1198.6	1003.8	816.1	651.8	504.6	383.6
-62.5°	2109.6	1889.3	1672.7	1456.2	1256.9	1071.1	896.3	731.1	579.8	454.0	342.0
-65°	1860.6	1663.0	1468.5	1283.0	1105.7	940.3	789.7	640.6	513.1	400.3	300.9
-67.5°	1608.4	1436.0	1270.9	1106.1	955.6	813.4	677.3	556.2	445.3	343.7	265.5
-70°	1356.7	1207.7	1072.4	939.4	808.0	684.1	576.2	472.6	374.4	297.7	228.4
-72.5°	1110.4	994.0	882.6	771.0	666.0	567.0	474.2	389.4	316.7	250.1	189.7
-75°	872.4	785.1	701.3	616.0	528.5	447.3	381.6	319.0	257.3	200.7	156.0
-77.5°	660.8	591.7	524.4	465.1	404.8	348.4	296.0	246.5	199.1	159.1	123.5
-80°	465.5	420.6	377.0	334.0	289.0	247.4	214.2	182.1	147.9	117.2	90.2
-82.5°	289.5	264.0	240.2	216.2	190.3	165.6	142.0	119.4	95.7	74.5	62.0
-85°	158.9	143.6	128.2	112.9	97.5	82.9	75.9	69.0	60.5	52.5	45.0
-87.5°	66.3	62.5	58.6	54.8	51.1	47.6	44.0	40.6	36.2	31.9	28.0
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.4	10.0	9.6	9.1	8.7	7.8	6.9
87.5°	10.5	10.0	9.6	9.4	9.3	8.1	6.9
85°	14.1	12.6	11.4	10.5	9.9	8.3	6.9
82.5°	17.6	15.2	13.2	11.6	10.5	8.6	6.9
80°	20.8	17.7	14.9	12.7	11.1	8.8	6.9
77.5°	21.5	19.5	16.7	13.8	11.6	9.1	6.9
75°	22.2	19.8	18.0	14.9	12.2	9.3	6.9
72.5°	22.9	20.1	18.1	15.9	12.7	9.6	6.9
70°	23.4	20.3	18.1	16.7	13.2	9.8	6.9
67.5°	24.1	20.5	18.0	16.5	13.7	10.0	6.9
65°	24.8	20.9	17.9	16.3	14.2	10.2	6.9
62.5°	25.5	21.6	17.8	16.1	14.7	10.4	6.9
60°	26.3	22.3	17.6	15.9	15.1	10.6	6.9
57.5°	27.6	23.0	18.2	15.6	15.0	10.8	6.9
55°	28.9	23.7	18.8	15.3	14.8	11.0	6.9
52.5°	30.3	24.5	19.4	15.0	14.7	11.2	6.9
50°	31.6	25.6	20.0	14.7	14.6	11.4	6.9
47.5°	32.9	26.6	20.6	14.5	14.5	11.5	6.9
45°	34.9	27.6	21.1	14.9	14.5	11.6	6.9
42.5°	36.9	28.6	21.7	15.3	14.4	11.8	6.9
40°	39.0	29.5	22.3	16.0	14.4	11.9	6.9
37.5°	41.1	30.4	23.0	16.8	14.4	12.0	6.9
35°	43.4	31.8	23.6	17.7	14.4	12.1	6.9
32.5°	45.8	33.5	24.2	18.5	14.4	12.2	6.9
30°	48.4	35.2	24.8	19.4	14.5	12.2	6.9
27.5°	51.2	36.9	26.5	20.3	14.5	12.3	6.9
25°	54.0	38.5	28.5	21.2	14.6	12.3	6.9
22.5°	56.7	40.9	30.6	22.2	14.7	12.3	6.9
20°	59.5	45.3	32.8	23.1	14.8	12.4	6.9
17.5°	64.6	49.8	35.1	24.0	14.9	12.4	6.9
15°	71.1	54.3	37.3	24.9	15.0	12.4	6.9
12.5°	77.5	58.8	39.6	25.8	15.1	12.4	6.9
10°	83.9	63.2	41.9	26.6	15.2	12.3	6.9
7.5°	90.0	67.6	44.1	27.4	15.3	12.3	6.9
5°	96.0	71.8	46.3	28.1	15.4	12.2	6.9
2.5°	101.8	75.8	48.3	28.8	15.5	12.2	6.9
0°	107.3	79.6	50.2	29.4	15.6	12.1	6.9
-2.5°	134.2	95.2	58.3	33.0	16.8	12.3	6.9
-5°	160.5	110.2	66.2	36.5	18.0	12.5	6.9
-7.5°	185.7	124.7	73.8	39.8	19.1	12.7	6.9
-10°	209.6	138.2	80.9	42.9	20.2	12.9	6.9
-12.5°	231.8	150.8	87.4	45.9	21.3	13.1	6.9
-15°	252.1	162.2	93.4	48.5	22.2	13.2	6.9
-17.5°	270.2	172.2	98.7	50.8	23.1	13.4	6.9
-20°	289.9	180.8	103.2	52.9	24.0	13.5	6.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	313.4	187.7	106.9	54.5	24.7	13.6	6.9
-25°	333.5	198.3	109.7	55.8	25.3	13.6	6.9
-27.5°	349.8	209.0	111.5	56.7	25.8	13.7	6.9
-30°	362.2	217.3	112.9	57.1	26.2	13.7	6.9
-32.5°	370.4	223.1	117.1	57.1	26.5	13.7	6.9
-35°	376.3	226.4	119.9	56.7	26.6	13.7	6.9
-37.5°	379.1	227.9	121.1	55.8	26.7	13.7	6.9
-40°	378.0	228.8	120.9	54.4	26.6	13.6	6.9
-42.5°	372.9	227.1	120.2	53.2	26.3	13.5	6.9
-45°	363.9	223.0	119.5	52.5	26.0	13.4	6.9
-47.5°	351.0	216.3	117.5	51.2	25.5	13.2	6.9
-50°	338.1	207.2	114.1	50.7	24.8	13.0	6.9
-52.5°	322.4	195.7	109.6	50.2	24.1	12.9	6.9
-55°	303.3	186.0	103.8	49.1	23.2	12.6	6.9
-57.5°	280.9	175.2	96.7	47.5	22.2	12.4	6.9
-60°	256.3	162.7	88.8	45.3	21.1	12.1	6.9
-62.5°	235.7	148.4	83.2	42.6	20.3	11.9	6.9
-65°	212.9	132.5	76.8	39.5	19.5	11.6	6.9
-67.5°	188.0	117.7	69.6	35.9	18.6	11.2	6.9
-70°	161.0	104.4	61.6	31.9	17.7	10.9	6.9
-72.5°	138.5	89.9	52.9	29.2	16.7	10.6	6.9
-75°	115.5	74.6	43.7	26.7	15.6	10.2	6.9
-77.5°	91.3	58.4	37.7	24.0	14.5	9.8	6.9
-80°	66.2	46.9	32.4	21.2	13.4	9.4	6.9
-82.5°	51.5	38.0	26.9	18.3	12.3	9.0	6.9
-85°	38.0	28.8	21.2	15.3	11.1	8.6	6.9
-87.5°	24.3	19.4	15.4	12.2	9.9	8.2	6.9
-90°	6.9	7.4	7.8	8.3	8.7	7.8	6.9

(END OF REPORT)