

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: P1305630 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305630 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-4S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

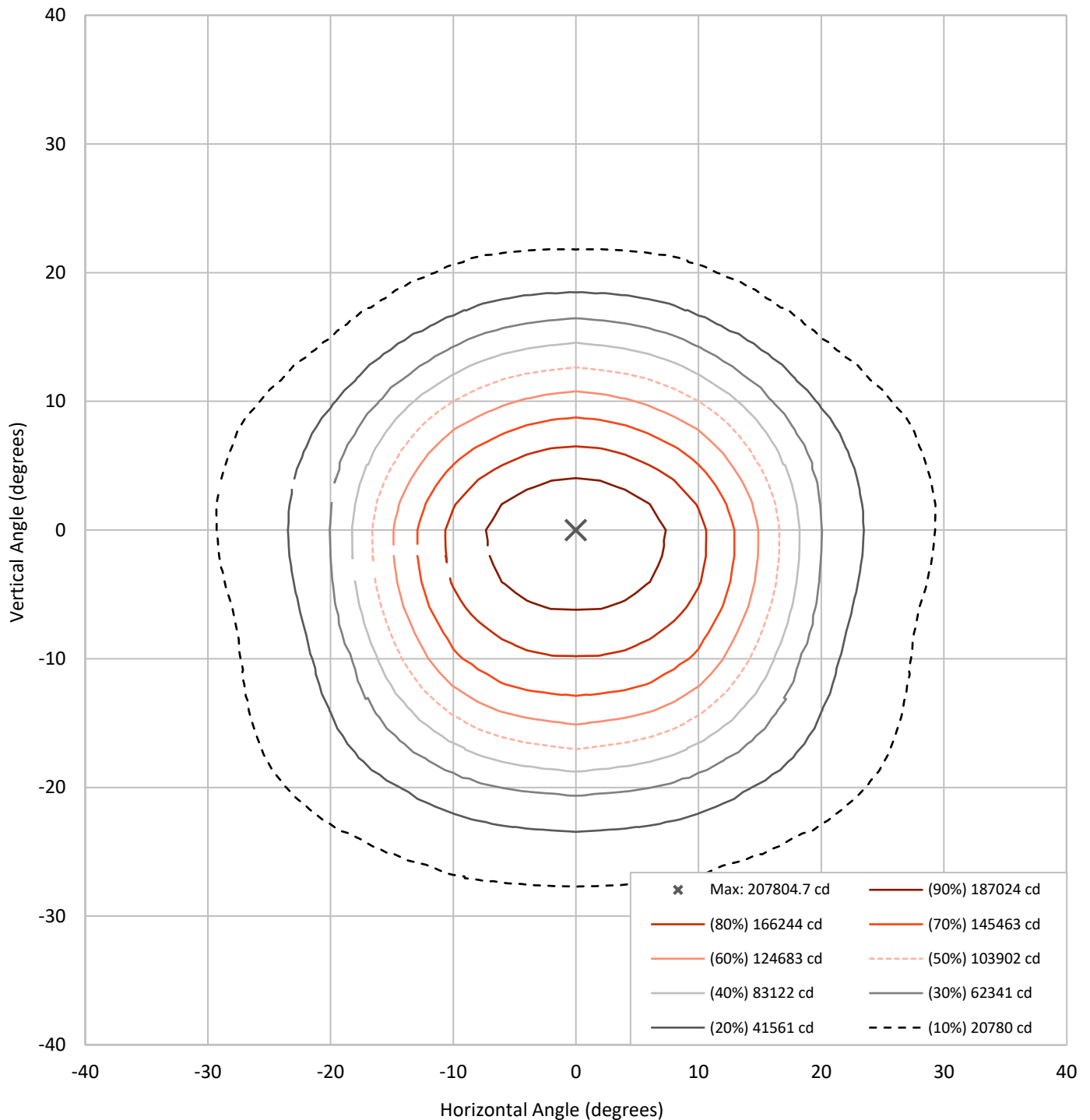
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	66506.9 lumens	Max Intensity:	207804.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	36494.5 lumens	Field Lumens:	58472.1 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%

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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CATALOG NUMBER: EPH-08-640L-40-80-4S-CV2-A

Iso-Candela Plot





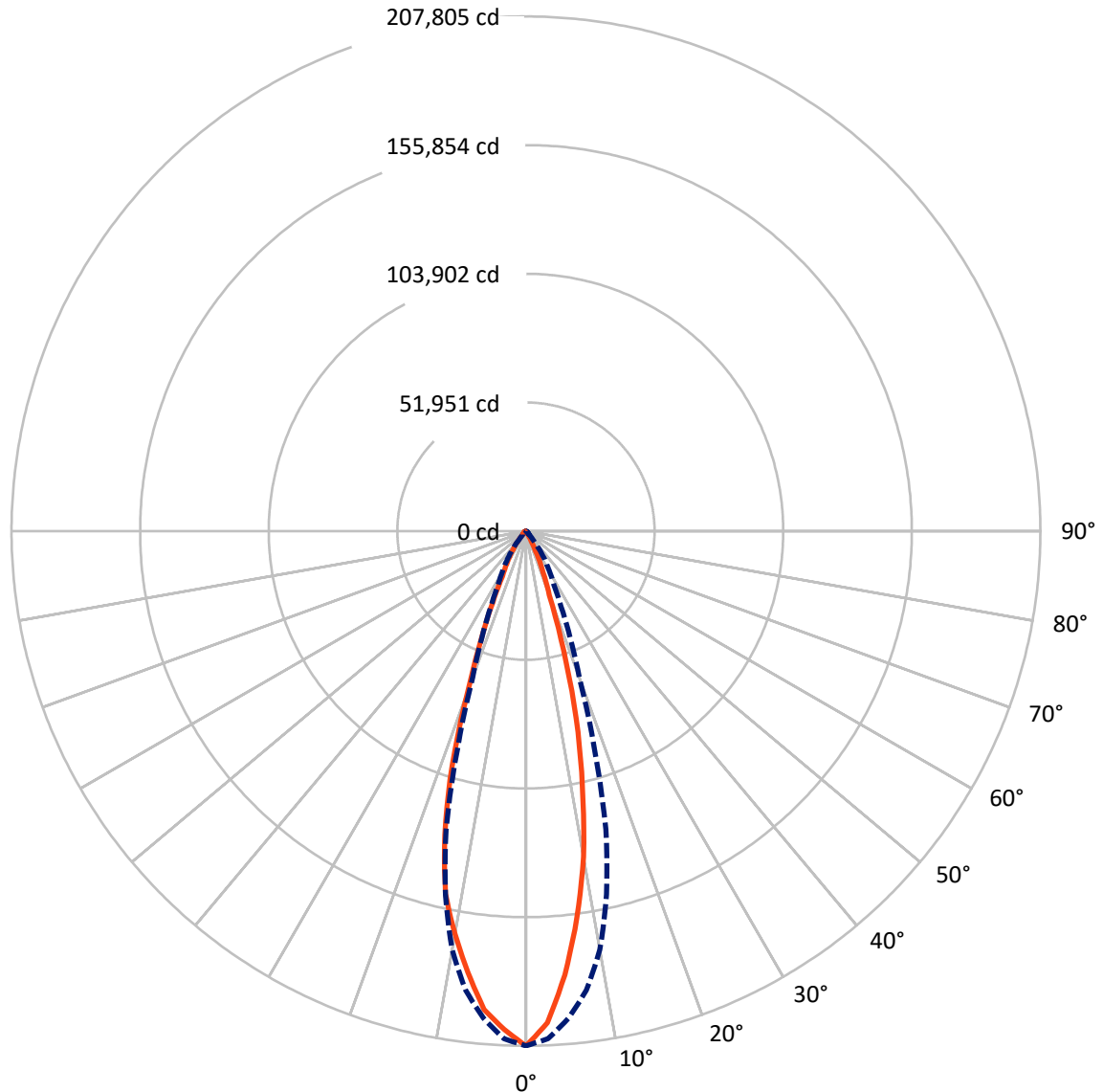
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Lumen Table

90	0.2	0.4		0.6		0.5		0.4		0.5		0.6		0.4		0.2
80	0.2	0.4		0.6		0.5		0.4		0.5		0.6		0.4		0.2
70	0.2	0.1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.2
60		0.1	0.3	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.3	0.1	
50	0.2	0.2	0.4	0.6	0.6	0.8	1.1	1.3	1.3	1.1	0.8	0.6	0.6	0.4	0.2	0.2
40		0.2	0.8	1.6	2.8	6.3	12.6	17.3	17.3	12.6	6.3	2.8	1.6	0.8	0.2	
30	0.2	0.4	2.4	6.6	24.4	88.7	210.0	355.3	355.3	210.0	88.7	24.4	6.6	2.4	0.4	0.2
20		0.8	5.4	17.5	107.7	372.8	1143.9	2161.3	2161.3	1143.9	372.8	107.7	17.5	5.4	0.8	
10	0.3	1.5	9.3	33.1	250.8	893.2	2962.9	5006.3	5006.3	2962.9	893.2	250.8	33.1	9.3	1.5	0.3
0		2.5	12.4	39.2	261.4	921.1	3325.5	5496.3	5496.3	3325.5	921.1	261.4	39.2	12.4	2.5	
-10	0.4	3.0	12.6	33.8	204.0	679.0	1986.1	3469.7	3469.7	1986.1	679.0	204.0	33.8	12.6	3.0	0.4
-20		2.7	10.8	23.2	88.1	322.2	670.8	1003.9	1003.9	670.8	322.2	88.1	23.2	10.8	2.7	
-30	0.4	2.1	8.3	16.1	30.3	87.1	197.6	279.2	279.2	197.6	87.1	30.3	16.1	8.3	2.1	0.4
-40		1.3	5.6	12.2	19.9	30.2	44.3	58.0	58.0	44.3	30.2	19.9	12.2	5.6	1.3	
-50	0.2	0.7	2.9	8.0	14.7	21.3	27.3	30.9	30.9	27.3	21.3	14.7	8.0	2.9	0.7	0.2
-60		0.3	1.1	3.3	7.1	12.3	17.6	20.7	20.7	17.6	12.3	7.1	3.3	1.1	0.3	
-70	0.2	0.7	2.6		7.0		9.8		7.0		2.6		0.7		0.2	
-80		0.2	0.7		2.6		7.0		9.8		7.0		2.6			0.2
-90	0.2	0.7		2.6		7.0		9.8		7.0		2.6		0.7		0.2

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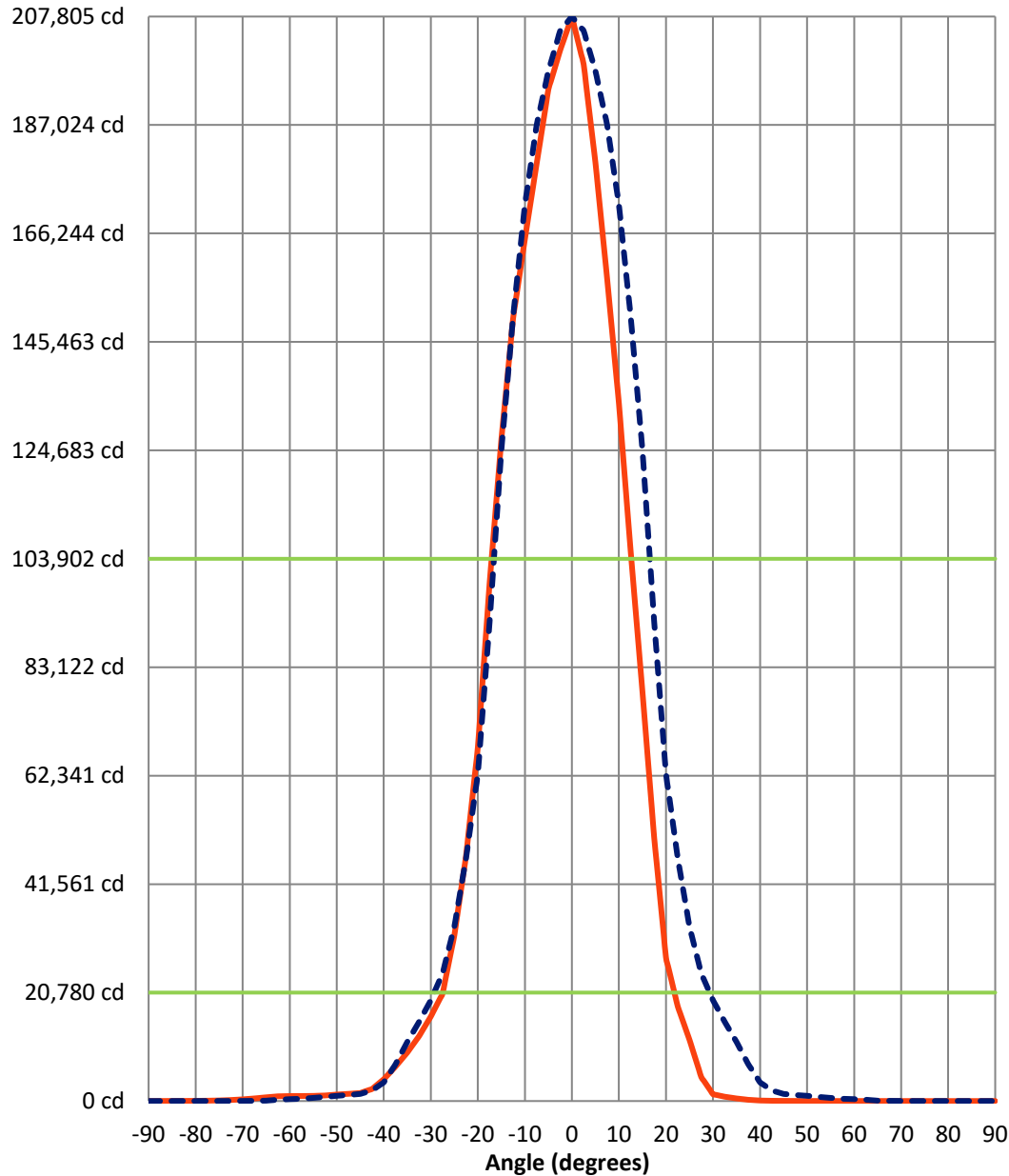
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 36494.5
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 58472.1
 Efficiency: 87.9%

Spill:
 Lumens: 8034.9
 Efficiency: 12.1%

— 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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.6	7.7	7.6	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.4	7.8	8.0	8.0	7.8	7.4
75°	7.3	7.3	7.3	7.3	7.4	7.8	8.3	8.5	8.4	7.9	7.4
72.5°	7.3	7.3	7.3	7.3	7.7	8.2	8.8	8.9	8.4	8.0	7.5
70°	7.3	7.3	7.3	7.3	8.0	8.6	9.2	8.9	8.5	8.0	8.1
67.5°	7.3	7.3	7.3	7.6	8.3	9.0	9.2	9.0	8.5	8.5	8.8
65°	7.3	7.3	7.3	7.8	8.6	9.2	9.2	9.0	8.8	8.9	9.2
62.5°	7.3	7.3	7.3	8.0	8.9	9.2	9.2	9.1	9.0	9.2	9.2
60°	7.3	7.3	7.3	8.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
57.5°	7.3	7.3	7.4	8.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2
55°	7.3	7.3	7.6	8.7	9.2	9.2	9.2	9.2	9.2	9.2	9.2
52.5°	7.3	7.3	7.7	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2
50°	7.3	7.3	7.8	9.1	9.2	9.2	9.2	9.2	9.2	9.2	10.0
47.5°	7.3	7.3	8.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.8
45°	7.3	7.3	8.1	9.2	9.2	9.2	9.2	9.2	9.3	9.8	11.5
42.5°	7.3	7.3	8.2	9.2	9.2	9.2	9.2	9.3	9.4	10.3	11.9
40°	7.3	7.3	8.3	9.2	9.2	9.2	9.2	9.4	9.7	10.7	12.3
37.5°	7.3	7.3	8.4	9.2	9.2	9.2	9.2	9.6	10.2	11.3	12.7
35°	7.3	7.3	8.5	9.2	9.2	9.2	9.2	9.8	10.7	11.9	13.0
32.5°	7.3	7.3	8.6	9.2	9.2	9.2	9.3	10.0	11.2	12.4	13.9
30°	7.3	7.3	8.7	9.2	9.2	9.2	9.4	10.4	11.6	13.0	15.1
27.5°	7.3	7.3	8.8	9.2	9.2	9.2	9.6	10.7	12.1	13.5	16.5
25°	7.3	7.3	8.8	9.2	9.2	9.2	9.9	11.1	12.5	14.4	18.3
22.5°	7.3	7.3	8.9	9.2	9.2	9.2	10.1	11.5	13.0	15.7	22.1
20°	7.3	7.3	9.0	9.2	9.2	9.4	10.3	11.8	13.4	17.1	26.0
17.5°	7.3	7.3	9.0	9.2	9.2	9.5	10.5	12.1	13.7	18.6	30.0
15°	7.3	7.3	9.1	9.2	9.2	9.7	10.7	12.5	14.1	20.1	33.9
12.5°	7.3	7.3	9.1	9.2	9.2	9.9	10.8	12.8	15.1	21.7	37.7
10°	7.3	7.3	9.1	9.2	9.2	10.1	10.9	13.2	16.7	25.2	43.0
7.5°	7.3	7.3	9.2	9.2	9.2	10.4	11.0	13.6	18.5	29.1	51.7
5°	7.3	7.3	9.2	9.2	9.2	10.6	11.0	14.0	20.3	33.0	60.5
2.5°	7.3	7.3	9.2	9.2	9.2	10.8	11.0	14.4	22.1	36.7	69.0
0°	7.3	7.3	9.2	9.2	9.2	11.0	11.0	14.7	23.8	40.3	77.0
-2.5°	7.3	7.3	9.2	9.2	9.2	11.0	12.0	17.5	30.7	53.4	99.6
-5°	7.3	7.3	9.2	9.2	9.2	11.0	12.9	20.3	37.3	65.9	120.9
-7.5°	7.3	7.3	9.2	9.2	9.2	10.9	13.8	22.8	43.3	77.4	140.3
-10°	7.3	7.3	9.1	9.2	9.2	10.9	14.5	25.0	48.6	87.7	157.4
-12.5°	7.3	7.3	9.1	9.2	9.2	10.8	15.1	26.9	53.1	96.4	168.7
-15°	7.3	7.3	9.1	9.2	9.2	10.7	15.6	28.3	56.8	103.1	176.1
-17.5°	7.3	7.3	9.0	9.2	9.2	10.6	15.8	29.9	59.9	108.1	181.0
-20°	7.3	7.3	9.0	9.2	9.2	10.4	16.2	31.4	61.6	111.1	183.3



REPORT NUMBER: P1305630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	7.3	8.9	9.2	9.2	10.3	16.8	32.4	62.0	112.1	182.9
-25°	7.3	7.3	8.8	9.2	9.2	10.4	17.1	32.7	61.0	110.9	179.6
-27.5°	7.3	7.3	8.8	9.2	9.2	10.6	17.0	32.4	58.4	108.3	177.7
-30°	7.3	7.3	8.7	9.2	9.2	10.6	16.6	31.5	56.7	105.2	173.1
-32.5°	7.3	7.3	8.6	9.2	9.3	10.6	15.7	30.7	55.4	99.9	165.3
-35°	7.3	7.3	8.5	9.2	9.4	10.3	15.2	29.7	53.3	92.4	154.4
-37.5°	7.3	7.3	8.4	9.2	9.4	10.1	15.0	27.9	50.1	82.6	137.5
-40°	7.3	7.3	8.3	9.2	9.5	10.2	14.5	25.5	46.0	76.1	121.0
-42.5°	7.3	7.3	8.2	9.2	9.5	10.3	13.8	22.5	42.1	68.9	103.7
-45°	7.3	7.3	8.1	9.3	9.6	10.3	12.8	19.9	37.8	60.8	86.9
-47.5°	7.3	7.3	8.0	9.3	9.6	10.3	11.6	18.5	32.7	52.2	77.2
-50°	7.3	7.3	7.8	9.2	9.7	10.2	11.4	16.7	26.3	44.9	66.9
-52.5°	7.3	7.3	7.7	9.0	9.7	10.1	11.2	14.7	22.4	37.0	56.2
-55°	7.3	7.3	7.6	8.9	9.8	10.2	11.1	12.6	19.3	28.6	46.5
-57.5°	7.3	7.3	7.4	8.7	9.8	10.2	10.9	12.3	16.1	23.6	36.2
-60°	7.3	7.3	7.3	8.5	9.8	10.3	10.7	11.9	13.2	19.3	27.2
-62.5°	7.3	7.3	7.3	8.3	9.6	10.3	10.7	11.5	12.7	14.8	21.8
-65°	7.3	7.3	7.3	8.1	9.3	10.3	10.8	11.2	12.2	13.3	16.1
-67.5°	7.3	7.3	7.3	7.9	9.1	10.2	10.8	11.1	11.7	12.8	13.9
-70°	7.3	7.3	7.3	7.7	8.8	9.9	10.8	11.1	11.5	12.1	13.2
-72.5°	7.3	7.3	7.3	7.7	8.5	9.5	10.5	11.0	11.3	11.8	12.5
-75°	7.3	7.3	7.3	7.6	8.2	9.2	10.1	10.6	11.0	11.3	11.9
-77.5°	7.3	7.3	7.3	7.6	8.1	8.8	9.6	10.1	10.5	10.8	11.2
-80°	7.3	7.3	7.3	7.5	7.9	8.5	9.2	9.6	9.9	10.1	10.4
-82.5°	7.3	7.3	7.3	7.5	7.8	8.2	8.8	9.0	9.2	9.5	9.7
-85°	7.3	7.3	7.3	7.4	7.6	7.9	8.3	8.4	8.6	8.8	8.9
-87.5°	7.3	7.3	7.3	7.4	7.5	7.6	7.8	7.9	7.9	8.0	8.1
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



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 CATALOG NUMBER: EPH-08-640L-40-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0
87.5°	6.9	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2
85°	6.9	6.4	6.1	5.8	5.8	5.8	5.7	5.5	5.3	5.1	4.9
82.5°	7.0	6.9	6.8	6.8	6.6	6.4	6.0	5.5	5.5	5.5	5.5
80°	7.2	7.3	7.3	7.3	6.9	6.5	6.0	5.6	5.5	5.6	5.6
77.5°	7.3	7.3	7.3	7.3	7.0	6.7	6.5	6.5	6.5	6.3	6.0
75°	7.3	7.3	7.4	7.4	7.2	7.2	7.3	7.3	7.0	6.6	6.1
72.5°	7.6	7.8	7.8	7.5	7.3	7.3	7.3	7.3	7.5	7.6	7.5
70°	8.4	8.5	8.1	7.6	7.3	7.6	8.6	9.5	10.2	10.2	10.5
67.5°	9.1	8.6	8.2	7.9	8.7	9.9	11.0	12.4	14.0	14.5	15.2
65°	9.2	8.7	8.7	9.5	10.8	12.3	13.9	15.8	19.7	22.1	23.3
62.5°	9.2	9.1	9.6	11.0	12.8	14.6	17.4	21.9	27.8	32.0	32.2
60°	9.2	9.4	10.7	12.8	14.7	17.1	21.4	28.2	37.1	43.9	40.0
57.5°	9.2	10.2	12.4	14.4	16.4	19.1	25.6	34.4	43.5	53.2	45.5
55°	9.7	11.7	13.7	15.6	18.1	21.6	28.4	36.6	46.8	49.5	40.7
52.5°	10.9	12.9	14.6	16.7	19.9	23.3	28.1	35.2	38.5	39.2	33.8
50°	11.9	13.5	15.2	17.8	21.1	23.9	25.3	29.6	30.8	29.3	26.4
47.5°	12.6	14.1	15.7	18.6	21.8	24.2	24.3	24.5	24.1	23.6	19.5
45°	13.1	14.7	16.2	19.5	22.9	25.0	23.8	20.4	23.3	22.4	21.4
42.5°	13.6	15.2	17.8	20.4	24.9	26.2	24.4	25.3	26.0	27.1	27.5
40°	14.0	15.7	20.1	25.0	27.6	28.2	31.2	33.5	32.5	35.6	37.4
37.5°	14.4	18.2	24.3	33.4	30.5	34.5	40.2	49.3	49.7	46.8	53.8
35°	14.8	21.1	34.6	44.4	42.0	44.4	59.5	71.5	75.1	71.2	75.7
32.5°	16.6	24.3	47.5	57.7	63.6	66.6	83.8	101.8	115.4	118.1	107.0
30°	19.9	36.0	62.4	73.8	90.8	107.3	119.2	141.1	169.1	190.9	199.9
27.5°	24.4	50.4	77.8	98.6	124.5	152.6	173.2	200.5	246.1	285.3	317.4
25°	29.0	70.0	95.1	128.9	167.4	203.8	235.5	281.0	341.4	406.4	519.3
22.5°	39.5	92.2	121.1	162.3	213.2	258.8	311.5	376.2	453.6	542.7	752.2
20°	56.5	114.2	152.5	199.7	262.4	316.4	390.8	473.4	578.8	769.0	1124.6
17.5°	74.7	137.8	184.6	243.8	321.7	389.9	473.3	569.9	709.5	1013.8	1714.2
15°	93.5	162.5	215.2	290.5	386.5	483.8	584.5	689.6	889.4	1360.2	2465.0
12.5°	112.6	188.0	244.3	338.9	455.2	581.8	701.9	835.6	1124.7	1955.5	3577.3
10°	131.4	213.6	271.9	387.6	526.0	682.0	818.3	975.8	1369.1	2494.9	4571.9
7.5°	162.3	247.0	301.3	435.7	597.3	782.2	932.5	1109.4	1607.9	2964.9	5488.0
5°	195.0	288.0	348.1	494.5	667.6	871.5	1035.8	1235.3	1834.0	3360.4	6347.3
2.5°	226.2	327.4	393.9	551.0	733.5	940.9	1101.4	1305.8	1954.9	3545.2	6878.0
0°	254.7	364.7	438.0	602.9	793.5	1002.4	1160.0	1367.1	2028.7	3580.8	7048.1
-2.5°	289.3	405.6	483.7	644.1	826.4	1038.5	1197.2	1413.7	2105.0	3781.1	7078.8
-5°	319.0	443.5	527.1	680.8	853.9	1066.7	1228.3	1450.0	2140.6	3872.2	6930.0
-7.5°	342.9	478.1	568.2	709.8	868.2	1072.4	1239.7	1456.0	2115.7	3825.3	6625.5
-10°	357.4	492.7	578.2	709.4	863.5	1060.5	1239.8	1450.8	2044.2	3630.5	6197.8
-12.5°	346.9	488.7	580.0	704.0	854.7	1040.4	1231.0	1434.1	1922.5	3271.0	5697.3
-15°	334.0	482.1	578.8	693.8	842.1	1012.3	1212.7	1405.8	1732.9	2713.5	5079.2
-17.5°	319.1	473.1	574.4	678.5	826.0	976.0	1175.4	1332.0	1536.6	2312.0	4366.6
-20°	303.0	461.8	566.7	658.2	806.4	923.8	1087.8	1249.1	1435.7	1966.1	3408.2



REPORT NUMBER: P1305630 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	286.1	448.3	553.7	645.1	756.5	863.5	995.6	1153.6	1324.7	1536.3	2388.7
-25°	276.3	423.0	535.1	614.5	702.5	802.1	900.9	1046.8	1208.8	1379.2	1827.8
-27.5°	271.2	398.6	504.8	584.0	650.4	740.7	824.7	941.2	1091.3	1237.0	1379.2
-30°	262.4	363.9	473.8	552.4	612.6	683.8	756.2	850.6	983.9	1111.8	1229.6
-32.5°	243.5	328.6	435.7	517.2	579.2	631.0	702.6	786.9	889.4	1000.5	1095.4
-35°	220.2	300.8	394.6	482.1	546.2	595.3	659.8	730.7	805.9	902.2	1015.7
-37.5°	198.7	270.6	353.7	442.7	508.4	568.2	617.7	681.5	746.4	817.8	931.3
-40°	175.5	238.1	316.7	398.6	474.6	536.5	588.0	635.7	692.5	763.8	839.6
-42.5°	151.4	210.7	278.8	355.3	431.6	498.4	556.7	600.8	649.3	710.7	778.2
-45°	131.4	181.8	240.0	312.4	384.4	454.7	514.2	569.7	616.3	661.5	719.8
-47.5°	110.5	153.4	207.0	268.7	337.1	403.1	467.5	528.8	588.0	630.2	666.0
-50°	91.5	129.9	173.5	230.2	289.9	351.7	412.0	483.8	546.4	599.7	641.3
-52.5°	79.3	105.6	145.7	192.2	245.9	301.4	361.1	427.1	495.0	558.3	606.9
-55°	66.5	89.1	117.4	157.7	203.2	253.6	309.3	370.0	431.7	495.3	557.5
-57.5°	54.1	74.2	95.8	123.8	163.3	206.4	257.5	311.3	368.1	425.9	483.4
-60°	41.6	59.2	78.7	99.2	123.3	162.1	204.4	251.7	302.2	354.1	406.0
-62.5°	29.8	44.2	61.3	79.8	98.9	120.0	154.1	193.4	234.2	277.3	322.5
-65°	23.1	30.7	43.3	59.5	77.0	95.4	115.7	137.9	171.8	205.2	237.0
-67.5°	16.3	23.2	30.0	38.4	53.3	69.2	86.2	104.6	124.3	143.8	166.5
-70°	14.5	16.4	21.8	28.0	33.8	41.5	55.4	70.3	85.6	100.4	116.6
-72.5°	13.5	15.0	17.0	19.4	24.2	29.1	33.8	38.3	47.4	59.5	71.5
-75°	12.6	13.5	14.9	16.7	18.6	20.6	23.0	27.0	30.8	34.5	38.1
-77.5°	11.6	12.3	13.1	14.1	15.2	16.7	18.4	20.1	21.6	23.1	24.7
-80°	10.7	11.0	11.4	12.0	12.7	13.5	14.5	15.5	16.2	17.0	17.9
-82.5°	9.9	10.1	10.3	10.5	10.6	10.8	11.1	11.6	12.1	12.6	13.1
-85°	9.1	9.2	9.3	9.5	9.2	9.0	8.9	8.8	9.1	9.3	9.5
-87.5°	8.2	8.2	8.3	8.4	8.2	7.9	7.6	7.3	7.2	7.1	7.0
-90°	6.9	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.1	4.6	4.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.5	5.5	5.5	5.5	5.5	6.4	7.4	8.3	9.2	10.1	11.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.2	2.8	2.3	1.8	1.8	1.8
85°	4.9	4.6	4.4	4.1	3.7	3.6	3.6	3.6	3.6	3.2	2.7
82.5°	5.5	5.1	4.6	4.2	3.7	3.7	3.7	3.7	3.7	3.2	2.8
80°	5.5	5.1	4.7	4.2	3.8	3.7	3.7	3.7	3.7	3.3	2.8
77.5°	5.6	5.2	5.0	4.8	4.7	4.6	4.4	4.1	3.8	3.3	2.8
75°	5.7	5.6	5.7	5.7	5.6	5.2	4.7	4.3	3.8	3.6	3.6
72.5°	7.2	6.9	6.8	7.0	7.0	6.8	6.4	5.9	5.3	5.2	5.3
70°	10.7	10.9	11.0	10.9	10.3	9.4	8.7	7.9	7.1	6.9	7.1
67.5°	16.2	16.5	16.0	14.8	12.9	11.2	10.5	9.8	9.0	8.8	8.9
65°	23.4	21.6	19.7	17.6	15.2	12.7	11.9	11.2	10.7	10.7	11.3
62.5°	30.2	24.6	19.8	16.8	14.5	12.6	11.8	11.0	10.3	9.9	10.2
60°	33.2	23.5	17.1	15.1	13.2	11.3	10.2	9.4	8.6	8.0	8.3
57.5°	33.3	23.1	15.8	13.5	11.5	9.8	8.9	8.3	7.8	7.4	7.9
55°	29.6	20.5	13.4	11.6	10.4	9.6	9.1	8.9	8.7	8.5	8.9
52.5°	23.8	17.1	12.5	10.8	10.9	10.9	10.9	10.9	11.1	11.4	11.8
50°	18.9	14.6	13.2	12.5	12.9	13.0	12.7	13.4	14.4	14.9	15.4
47.5°	17.3	15.9	16.0	15.7	16.3	17.6	17.8	18.4	19.8	20.7	21.3
45°	19.3	20.7	21.6	23.1	24.0	26.1	26.8	26.8	29.8	31.9	33.0
42.5°	27.0	29.3	32.2	35.1	36.5	39.2	42.0	43.5	48.1	51.7	53.1
40°	40.7	42.1	48.1	51.8	54.6	58.0	66.5	72.1	80.9	97.4	109.3
37.5°	59.9	64.3	67.9	73.2	84.7	90.3	117.4	142.0	158.9	199.9	223.0
35°	87.8	99.8	95.7	119.1	148.1	184.5	224.2	283.2	330.1	385.4	436.5
32.5°	137.5	166.9	195.4	222.6	287.9	392.4	395.3	505.9	579.9	669.6	748.5
30°	217.5	321.7	452.6	496.0	679.5	884.7	827.8	997.4	1165.5	1265.5	1610.7
27.5°	429.4	664.0	924.2	1254.9	1596.9	1949.7	2183.2	2265.0	3115.3	3740.6	4554.5
25°	734.7	1146.3	1873.3	2408.8	3009.4	3792.7	4245.2	4854.3	6272.8	8040.3	9413.3
22.5°	1170.9	1890.1	2850.5	3660.9	4561.2	5616.8	6571.5	8031.9	10237.6	12650.4	14702.9
20°	1659.8	2587.0	3803.9	5018.0	6198.1	7573.8	9235.0	12217.1	15625.3	19407.3	22826.5
17.5°	2561.6	3473.4	5031.8	6691.7	8368.3	10025.4	13678.4	18094.8	23430.0	29034.2	34011.7
15°	3850.4	5326.1	6871.9	9066.6	11857.3	15041.7	19668.1	27414.2	35700.4	44446.5	54873.2
12.5°	5532.3	7671.6	9990.4	12531.6	16315.4	22128.4	29803.0	39257.8	51118.4	64239.8	79076.7
10°	7248.6	10334.0	13527.3	17156.4	22143.5	29631.1	39542.2	51380.8	70033.2	88417.5	103902.4
7.5°	8644.1	12239.8	16268.7	21089.6	27589.6	36713.1	48961.0	66070.4	88314.4	110188.6	127511.6
5°	9953.4	13903.3	18097.6	23023.1	30859.5	41861.5	56611.7	77958.0	104569.2	127832.8	146395.4
2.5°	10903.1	15052.3	19391.4	24403.2	33337.4	44991.2	61185.2	87664.0	118293.4	142128.2	163412.3
0°	11323.5	15162.7	19313.5	24455.7	33418.8	46587.7	62771.1	91762.4	124646.1	150270.1	171649.8
-2.5°	10802.3	14529.5	18812.9	23836.5	32821.4	45471.8	62188.9	91300.9	124297.7	150284.4	171362.9
-5°	10250.8	13784.3	17760.6	22404.2	30597.1	42359.8	59415.7	87231.2	118895.3	145020.9	165582.9
-7.5°	9662.9	12897.0	16454.3	20620.5	27889.0	39208.2	55045.7	78522.1	108119.4	134719.9	154058.3
-10°	8990.8	11934.9	15675.9	20091.5	26419.1	36258.4	49356.0	68163.5	95885.2	120599.8	141832.3
-12.5°	8596.2	11736.5	15474.7	19530.6	24634.7	33305.7	45222.8	61265.8	80242.2	103199.4	122092.0
-15°	8089.0	11267.7	14975.1	18780.2	23504.8	30274.9	39683.9	51467.5	65906.8	81377.2	98146.3
-17.5°	7255.1	10432.0	13417.5	16988.8	21476.2	26825.1	33586.6	42731.5	52312.1	63273.5	73306.3
-20°	5881.8	8448.0	11271.4	14636.3	18493.9	22547.3	27062.6	33293.7	39370.9	47045.0	53205.7



REPORT NUMBER: P1305630 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4231.7	6400.8	8847.0	11627.9	14682.7	18153.0	21554.5	24842.7	29007.7	33865.3	38815.3
-25°	2756.0	4360.8	6479.0	8758.1	10891.7	13665.0	16108.7	18072.5	20881.1	23079.1	26078.9
-27.5°	1908.4	2951.4	4529.4	6345.4	8028.2	9803.4	11792.8	13133.5	15321.4	16510.4	18349.3
-30°	1396.4	1981.8	3116.7	4474.9	5941.0	7452.0	8872.3	10346.4	11868.3	13214.1	14234.6
-32.5°	1238.3	1468.3	2027.9	3005.5	4152.7	5419.7	6622.4	7907.5	9120.0	10163.2	11005.1
-35°	1131.0	1260.0	1435.8	1952.7	2637.3	3626.5	4572.7	5612.9	6586.7	7393.2	8069.1
-37.5°	1046.0	1149.3	1260.0	1373.4	1757.7	2190.6	2863.1	3586.1	4211.0	4925.0	5476.5
-40°	949.5	1059.8	1148.4	1239.0	1340.9	1449.5	1813.5	2137.1	2490.3	2972.3	3366.1
-42.5°	849.9	946.0	1045.7	1130.0	1206.9	1288.0	1369.9	1442.3	1621.6	1834.2	1995.5
-45°	781.1	848.9	922.1	1011.4	1094.2	1164.5	1230.7	1294.1	1359.2	1419.3	1469.1
-47.5°	720.3	775.2	835.4	896.8	959.0	1031.4	1099.3	1163.7	1220.1	1271.4	1312.6
-50°	676.0	714.0	764.1	812.5	865.7	916.1	961.2	1014.0	1071.8	1124.4	1166.3
-52.5°	653.5	686.8	715.5	750.3	798.3	840.5	877.6	919.5	959.6	996.4	1023.4
-55°	609.5	652.9	694.9	734.0	767.1	797.3	829.4	870.5	905.8	936.1	952.8
-57.5°	540.3	596.2	649.0	698.6	745.2	789.0	825.4	858.0	890.7	921.7	936.0
-60°	458.7	512.0	567.2	626.9	687.0	746.9	791.0	833.0	872.7	906.0	923.6
-62.5°	371.0	419.5	468.9	522.6	579.8	635.9	684.0	734.2	785.6	829.9	858.2
-65°	271.3	312.7	356.9	400.9	444.4	489.2	532.1	574.4	615.4	648.6	671.8
-67.5°	194.4	221.1	248.5	276.7	310.4	345.0	376.8	407.5	436.8	460.3	477.6
-70°	133.7	150.9	167.0	185.0	206.6	227.6	247.2	265.7	283.1	297.9	310.2
-72.5°	83.2	94.5	105.6	118.3	130.6	142.3	153.4	163.8	173.4	182.1	189.9
-75°	41.8	47.0	55.9	64.3	72.3	80.5	88.2	94.9	100.7	105.6	109.7
-77.5°	27.1	30.4	33.7	36.8	39.6	43.4	47.7	52.0	56.3	59.7	62.9
-80°	19.0	20.8	22.8	24.8	26.9	29.3	31.8	34.2	36.6	38.1	39.5
-82.5°	13.5	14.5	15.7	16.9	18.0	19.8	21.5	23.2	24.9	26.0	27.1
-85°	9.7	10.1	10.7	11.2	11.8	13.3	14.8	16.4	17.9	18.9	19.9
-87.5°	7.0	7.0	7.1	7.1	7.1	8.5	9.9	11.3	12.7	13.2	13.7
-90°	3.7	3.7	3.7	3.7	3.7	3.2	2.8	2.3	1.8	1.8	1.8



REPORT NUMBER: P1305630 (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°
90°	11.9	12.8	12.8	12.8	12.8	12.8	11.9	11.0	10.1	9.2	8.3
87.5°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.3
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.3	3.7	3.7
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.3	3.8	4.1
75°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.8	4.3
72.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.2	5.3	5.9
70°	7.2	7.2	6.5	5.5	6.5	7.2	7.2	7.1	6.9	7.1	7.9
67.5°	9.0	9.1	10.0	11.0	10.0	9.1	9.0	8.9	8.8	9.0	9.8
65°	11.9	12.6	12.0	11.0	12.0	12.6	11.9	11.3	10.7	10.7	11.2
62.5°	10.6	11.0	10.2	9.2	10.2	11.0	10.6	10.2	9.9	10.3	11.0
60°	8.7	9.1	9.2	9.2	9.2	9.1	8.7	8.3	8.0	8.6	9.4
57.5°	8.5	9.0	9.2	9.2	9.2	9.0	8.5	7.9	7.4	7.8	8.3
55°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	8.9	8.5	8.7	8.9
52.5°	12.3	12.6	12.7	12.8	12.7	12.6	12.3	11.8	11.4	11.1	10.9
50°	15.9	16.2	16.4	16.5	16.4	16.2	15.9	15.4	14.9	14.4	13.4
47.5°	21.8	21.9	21.9	22.0	21.9	21.9	21.8	21.3	20.7	19.8	18.4
45°	33.5	33.1	32.8	33.0	32.8	33.1	33.5	33.0	31.9	29.8	26.8
42.5°	54.5	54.6	54.5	55.0	54.5	54.6	54.5	53.1	51.7	48.1	43.5
40°	112.6	108.6	102.8	102.6	102.8	108.6	112.6	109.3	97.4	80.9	72.1
37.5°	234.4	238.5	238.0	241.9	238.0	238.5	234.4	223.0	199.9	158.9	142.0
35°	475.4	496.7	501.5	500.3	501.5	496.7	475.4	436.5	385.4	330.1	283.2
32.5°	783.0	811.3	819.3	830.2	819.3	811.3	783.0	748.5	669.6	579.9	505.9
30°	1376.6	1414.7	1378.4	1304.8	1378.4	1414.7	1376.6	1610.7	1265.5	1165.5	997.4
27.5°	4988.1	5171.0	4759.2	4608.9	4759.2	5171.0	4988.1	4554.5	3740.6	3115.3	2265.0
25°	10165.4	10974.6	11803.9	11730.3	11803.9	10974.6	10165.4	9413.3	8040.3	6272.8	4854.3
22.5°	16405.7	17225.6	17908.9	18144.3	17908.9	17225.6	16405.7	14702.9	12650.4	10237.6	8031.9
20°	25985.3	27582.0	28725.4	27506.9	28725.4	27582.0	25985.3	22826.5	19407.3	15625.3	12217.1
17.5°	41535.9	46344.3	48842.2	50419.6	48842.2	46344.3	41535.9	34011.7	29034.2	23430.0	18094.8
15°	64477.3	71728.9	75746.3	78406.7	75746.3	71728.9	64477.3	54873.2	44446.5	35700.4	27414.2
12.5°	90934.5	98840.9	102391.6	105289.6	102391.6	98840.9	90934.5	79076.7	64239.8	51118.4	39257.8
10°	116085.6	124627.3	130541.2	133614.8	130541.2	124627.3	116085.6	103902.4	88417.5	70033.2	51380.8
7.5°	139130.1	149579.0	155580.2	157490.4	155580.2	149579.0	139130.1	127511.6	110188.6	88314.4	66070.4
5°	161670.6	170993.4	178210.5	179846.9	178210.5	170993.4	161670.6	146395.4	127832.8	104569.2	77958.0
2.5°	179025.9	190199.0	196678.5	198637.2	196678.5	190199.0	179025.9	163412.3	142128.2	118293.4	87664.0
0°	186979.3	197381.0	205053.0	207804.7	205053.0	197381.0	186979.3	171649.8	150270.1	124646.1	91762.4
-2.5°	185315.7	194901.5	200393.2	201339.4	200393.2	194901.5	185315.7	171362.9	150284.4	124297.7	91300.9
-5°	179464.9	188272.3	193696.3	193851.4	193696.3	188272.3	179464.9	165582.9	145020.9	118895.3	87231.2
-7.5°	166613.4	174849.2	178630.7	179580.3	178630.7	174849.2	166613.4	154058.3	134719.9	108119.4	78522.1
-10°	153532.9	161173.7	164746.9	165142.4	164746.9	161173.7	153532.9	141832.3	120599.8	95885.2	68163.5
-12.5°	136589.5	144765.1	148332.9	150010.8	148332.9	144765.1	136589.5	122092.0	103199.4	80242.2	61265.8
-15°	111375.7	119281.5	123561.8	126722.5	123561.8	119281.5	111375.7	98146.3	81377.2	65906.8	51467.5
-17.5°	84359.5	91135.7	95353.8	99193.5	95353.8	91135.7	84359.5	73306.3	63273.5	52312.1	42731.5
-20°	60060.3	64375.8	65701.3	67770.4	65701.3	64375.8	60060.3	53205.7	47045.0	39370.9	33293.7



REPORT NUMBER: P1305630 (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°	42183.4	44637.1	46191.3	47069.6	46191.3	44637.1	42183.4	38815.3	33865.3	29007.7	24842.7
-25°	28597.4	30299.1	30960.8	31723.7	30960.8	30299.1	28597.4	26078.9	23079.1	20881.1	18072.5
-27.5°	19155.7	19854.5	20331.7	20590.8	20331.7	19854.5	19155.7	18349.3	16510.4	15321.4	13133.5
-30°	15056.1	15695.1	16078.3	16199.9	16078.3	15695.1	15056.1	14234.6	13214.1	11868.3	10346.4
-32.5°	11656.8	12139.8	12397.9	12432.2	12397.9	12139.8	11656.8	11005.1	10163.2	9120.0	7907.5
-35°	8635.7	9075.7	9319.2	9302.1	9319.2	9075.7	8635.7	8069.1	7393.2	6586.7	5612.9
-37.5°	5950.8	6323.7	6552.5	6611.9	6552.5	6323.7	5950.8	5476.5	4925.0	4211.0	3586.1
-40°	3722.7	3996.7	4160.2	4181.9	4160.2	3996.7	3722.7	3366.1	2972.3	2490.3	2137.1
-42.5°	2137.0	2247.9	2310.2	2307.2	2310.2	2247.9	2137.0	1995.5	1834.2	1621.6	1442.3
-45°	1501.9	1526.8	1540.8	1543.0	1540.8	1526.8	1501.9	1469.1	1419.3	1359.2	1294.1
-47.5°	1342.4	1366.0	1378.5	1379.9	1378.5	1366.0	1342.4	1312.6	1271.4	1220.1	1163.7
-50°	1199.9	1227.7	1242.9	1246.1	1242.9	1227.7	1199.9	1166.3	1124.4	1071.8	1014.0
-52.5°	1045.2	1063.7	1069.8	1066.6	1069.8	1063.7	1045.2	1023.4	996.4	959.6	919.5
-55°	968.4	983.4	990.0	991.4	990.0	983.4	968.4	952.8	936.1	905.8	870.5
-57.5°	949.8	963.3	967.5	967.6	967.5	963.3	949.8	936.0	921.7	890.7	858.0
-60°	941.0	957.7	961.0	958.4	961.0	957.7	941.0	923.6	906.0	872.7	833.0
-62.5°	883.3	904.8	911.7	910.8	911.7	904.8	883.3	858.2	829.9	785.6	734.2
-65°	691.3	707.1	715.2	718.4	715.2	707.1	691.3	671.8	648.6	615.4	574.4
-67.5°	491.8	502.7	506.2	505.8	506.2	502.7	491.8	477.6	460.3	436.8	407.5
-70°	320.6	329.0	329.9	328.0	329.9	329.0	320.6	310.2	297.9	283.1	265.7
-72.5°	196.7	202.5	202.0	199.8	202.0	202.5	196.7	189.9	182.1	173.4	163.8
-75°	113.2	116.1	115.2	113.6	115.2	116.1	113.2	109.7	105.6	100.7	94.9
-77.5°	66.0	69.0	69.5	69.6	69.5	69.0	66.0	62.9	59.7	56.3	52.0
-80°	40.7	41.9	42.1	42.1	42.1	41.9	40.7	39.5	38.1	36.6	34.2
-82.5°	28.2	29.2	29.3	29.3	29.3	29.2	28.2	27.1	26.0	24.9	23.2
-85°	20.9	21.9	22.0	22.0	22.0	21.9	20.9	19.9	18.9	17.9	16.4
-87.5°	14.2	14.7	14.7	14.7	14.7	14.7	14.2	13.7	13.2	12.7	11.3
-90°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	2.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.4	6.4	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3
87.5°	2.8	3.2	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5
85°	3.6	3.6	3.7	4.1	4.4	4.6	4.9	4.9	5.1	5.3	5.5
82.5°	3.7	3.7	3.7	4.2	4.6	5.1	5.5	5.5	5.5	5.5	5.5
80°	3.7	3.7	3.8	4.2	4.7	5.1	5.5	5.6	5.6	5.5	5.6
77.5°	4.4	4.6	4.7	4.8	5.0	5.2	5.6	6.0	6.3	6.5	6.5
75°	4.7	5.2	5.6	5.7	5.7	5.6	5.7	6.1	6.6	7.0	7.3
72.5°	6.4	6.8	7.0	7.0	6.8	6.9	7.2	7.5	7.6	7.5	7.3
70°	8.7	9.4	10.3	10.9	11.0	10.9	10.7	10.5	10.2	10.2	9.5
67.5°	10.5	11.2	12.9	14.8	16.0	16.5	16.2	15.2	14.5	14.0	12.4
65°	11.9	12.7	15.2	17.6	19.7	21.6	23.4	23.3	22.1	19.7	15.8
62.5°	11.8	12.6	14.5	16.8	19.8	24.6	30.2	32.2	32.0	27.8	21.9
60°	10.2	11.3	13.2	15.1	17.1	23.5	33.2	40.0	43.9	37.1	28.2
57.5°	8.9	9.8	11.5	13.5	15.8	23.1	33.3	45.5	53.2	43.5	34.4
55°	9.1	9.6	10.4	11.6	13.4	20.5	29.6	40.7	49.5	46.8	36.6
52.5°	10.9	10.9	10.9	10.8	12.5	17.1	23.8	33.8	39.2	38.5	35.2
50°	12.7	13.0	12.9	12.5	13.2	14.6	18.9	26.4	29.3	30.8	29.6
47.5°	17.8	17.6	16.3	15.7	16.0	15.9	17.3	19.5	23.6	24.1	24.5
45°	26.8	26.1	24.0	23.1	21.6	20.7	19.3	21.4	22.4	23.3	20.4
42.5°	42.0	39.2	36.5	35.1	32.2	29.3	27.0	27.5	27.1	26.0	25.3
40°	66.5	58.0	54.6	51.8	48.1	42.1	40.7	37.4	35.6	32.5	33.5
37.5°	117.4	90.3	84.7	73.2	67.9	64.3	59.9	53.8	46.8	49.7	49.3
35°	224.2	184.5	148.1	119.1	95.7	99.8	87.8	75.7	71.2	75.1	71.5
32.5°	395.3	392.4	287.9	222.6	195.4	166.9	137.5	107.0	118.1	115.4	101.8
30°	827.8	884.7	679.5	496.0	452.6	321.7	217.5	199.9	190.9	169.1	141.1
27.5°	2183.2	1949.7	1596.9	1254.9	924.2	664.0	429.4	317.4	285.3	246.1	200.5
25°	4245.2	3792.7	3009.4	2408.8	1873.3	1146.3	734.7	519.3	406.4	341.4	281.0
22.5°	6571.5	5616.8	4561.2	3660.9	2850.5	1890.1	1170.9	752.2	542.7	453.6	376.2
20°	9235.0	7573.8	6198.1	5018.0	3803.9	2587.0	1659.8	1124.6	769.0	578.8	473.4
17.5°	13678.4	10025.4	8368.3	6691.7	5031.8	3473.4	2561.6	1714.2	1013.8	709.5	569.9
15°	19668.1	15041.7	11857.3	9066.6	6871.9	5326.1	3850.4	2465.0	1360.2	889.4	689.6
12.5°	29803.0	22128.4	16315.4	12531.6	9990.4	7671.6	5532.3	3577.3	1955.5	1124.7	835.6
10°	39542.2	29631.1	22143.5	17156.4	13527.3	10334.0	7248.6	4571.9	2494.9	1369.1	975.8
7.5°	48961.0	36713.1	27589.6	21089.6	16268.7	12239.8	8644.1	5488.0	2964.9	1607.9	1109.4
5°	56611.7	41861.5	30859.5	23023.1	18097.6	13903.3	9953.4	6347.3	3360.4	1834.0	1235.3
2.5°	61185.2	44991.2	33337.4	24403.2	19391.4	15052.3	10903.1	6878.0	3545.2	1954.9	1305.8
0°	62771.1	46587.7	33418.8	24455.7	19313.5	15162.7	11323.5	7048.1	3580.8	2028.7	1367.1
-2.5°	62188.9	45471.8	32821.4	23836.5	18812.9	14529.5	10802.3	7078.8	3781.1	2105.0	1413.7
-5°	59415.7	42359.8	30597.1	22404.2	17760.6	13784.3	10250.8	6930.0	3872.2	2140.6	1450.0
-7.5°	55045.7	39208.2	27889.0	20620.5	16454.3	12897.0	9662.9	6625.5	3825.3	2115.7	1456.0
-10°	49356.0	36258.4	26419.1	20091.5	15675.9	11934.9	8990.8	6197.8	3630.5	2044.2	1450.8
-12.5°	45222.8	33305.7	24634.7	19530.6	15474.7	11736.5	8596.2	5697.3	3271.0	1922.5	1434.1
-15°	39683.9	30274.9	23504.8	18780.2	14975.1	11267.7	8089.0	5079.2	2713.5	1732.9	1405.8
-17.5°	33586.6	26825.1	21476.2	16988.8	13417.5	10432.0	7255.1	4366.6	2312.0	1536.6	1332.0
-20°	27062.6	22547.3	18493.9	14636.3	11271.4	8448.0	5881.8	3408.2	1966.1	1435.7	1249.1



REPORT NUMBER: P1305630 (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°	21554.5	18153.0	14682.7	11627.9	8847.0	6400.8	4231.7	2388.7	1536.3	1324.7	1153.6
-25°	16108.7	13665.0	10891.7	8758.1	6479.0	4360.8	2756.0	1827.8	1379.2	1208.8	1046.8
-27.5°	11792.8	9803.4	8028.2	6345.4	4529.4	2951.4	1908.4	1379.2	1237.0	1091.3	941.2
-30°	8872.3	7452.0	5941.0	4474.9	3116.7	1981.8	1396.4	1229.6	1111.8	983.9	850.6
-32.5°	6622.4	5419.7	4152.7	3005.5	2027.9	1468.3	1238.3	1095.4	1000.5	889.4	786.9
-35°	4572.7	3626.5	2637.3	1952.7	1435.8	1260.0	1131.0	1015.7	902.2	805.9	730.7
-37.5°	2863.1	2190.6	1757.7	1373.4	1260.0	1149.3	1046.0	931.3	817.8	746.4	681.5
-40°	1813.5	1449.5	1340.9	1239.0	1148.4	1059.8	949.5	839.6	763.8	692.5	635.7
-42.5°	1369.9	1288.0	1206.9	1130.0	1045.7	946.0	849.9	778.2	710.7	649.3	600.8
-45°	1230.7	1164.5	1094.2	1011.4	922.1	848.9	781.1	719.8	661.5	616.3	569.7
-47.5°	1099.3	1031.4	959.0	896.8	835.4	775.2	720.3	666.0	630.2	588.0	528.8
-50°	961.2	916.1	865.7	812.5	764.1	714.0	676.0	641.3	599.7	546.4	483.8
-52.5°	877.6	840.5	798.3	750.3	715.5	686.8	653.5	606.9	558.3	495.0	427.1
-55°	829.4	797.3	767.1	734.0	694.9	652.9	609.5	557.5	495.3	431.7	370.0
-57.5°	825.4	789.0	745.2	698.6	649.0	596.2	540.3	483.4	425.9	368.1	311.3
-60°	791.0	746.9	687.0	626.9	567.2	512.0	458.7	406.0	354.1	302.2	251.7
-62.5°	684.0	635.9	579.8	522.6	468.9	419.5	371.0	322.5	277.3	234.2	193.4
-65°	532.1	489.2	444.4	400.9	356.9	312.7	271.3	237.0	205.2	171.8	137.9
-67.5°	376.8	345.0	310.4	276.7	248.5	221.1	194.4	166.5	143.8	124.3	104.6
-70°	247.2	227.6	206.6	185.0	167.0	150.9	133.7	116.6	100.4	85.6	70.3
-72.5°	153.4	142.3	130.6	118.3	105.6	94.5	83.2	71.5	59.5	47.4	38.3
-75°	88.2	80.5	72.3	64.3	55.9	47.0	41.8	38.1	34.5	30.8	27.0
-77.5°	47.7	43.4	39.6	36.8	33.7	30.4	27.1	24.7	23.1	21.6	20.1
-80°	31.8	29.3	26.9	24.8	22.8	20.8	19.0	17.9	17.0	16.2	15.5
-82.5°	21.5	19.8	18.0	16.9	15.7	14.5	13.5	13.1	12.6	12.1	11.6
-85°	14.8	13.3	11.8	11.2	10.7	10.1	9.7	9.5	9.3	9.1	8.8
-87.5°	9.9	8.5	7.1	7.1	7.1	7.0	7.0	7.0	7.1	7.2	7.3
-90°	2.8	3.2	3.7	3.7	3.7	3.7	3.7	4.2	4.6	5.1	5.5



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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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3
85°	5.7	5.8	5.8	5.8	6.1	6.4	6.9	7.3	7.3	7.3	7.3
82.5°	6.0	6.4	6.6	6.8	6.8	6.9	7.0	7.3	7.4	7.3	7.3
80°	6.0	6.5	6.9	7.3	7.3	7.3	7.2	7.3	7.6	7.7	7.6
77.5°	6.5	6.7	7.0	7.3	7.3	7.3	7.3	7.4	7.8	8.0	8.0
75°	7.3	7.2	7.2	7.4	7.4	7.3	7.3	7.4	7.9	8.4	8.5
72.5°	7.3	7.3	7.3	7.5	7.8	7.8	7.6	7.5	8.0	8.4	8.9
70°	8.6	7.6	7.3	7.6	8.1	8.5	8.4	8.1	8.0	8.5	8.9
67.5°	11.0	9.9	8.7	7.9	8.2	8.6	9.1	8.8	8.5	8.5	9.0
65°	13.9	12.3	10.8	9.5	8.7	8.7	9.2	9.2	8.9	8.8	9.0
62.5°	17.4	14.6	12.8	11.0	9.6	9.1	9.2	9.2	9.2	9.0	9.1
60°	21.4	17.1	14.7	12.8	10.7	9.4	9.2	9.2	9.2	9.2	9.2
57.5°	25.6	19.1	16.4	14.4	12.4	10.2	9.2	9.2	9.2	9.2	9.2
55°	28.4	21.6	18.1	15.6	13.7	11.7	9.7	9.2	9.2	9.2	9.2
52.5°	28.1	23.3	19.9	16.7	14.6	12.9	10.9	9.2	9.2	9.2	9.2
50°	25.3	23.9	21.1	17.8	15.2	13.5	11.9	10.0	9.2	9.2	9.2
47.5°	24.3	24.2	21.8	18.6	15.7	14.1	12.6	10.8	9.2	9.2	9.2
45°	23.8	25.0	22.9	19.5	16.2	14.7	13.1	11.5	9.8	9.3	9.2
42.5°	24.4	26.2	24.9	20.4	17.8	15.2	13.6	11.9	10.3	9.4	9.3
40°	31.2	28.2	27.6	25.0	20.1	15.7	14.0	12.3	10.7	9.7	9.4
37.5°	40.2	34.5	30.5	33.4	24.3	18.2	14.4	12.7	11.3	10.2	9.6
35°	59.5	44.4	42.0	44.4	34.6	21.1	14.8	13.0	11.9	10.7	9.8
32.5°	83.8	66.6	63.6	57.7	47.5	24.3	16.6	13.9	12.4	11.2	10.0
30°	119.2	107.3	90.8	73.8	62.4	36.0	19.9	15.1	13.0	11.6	10.4
27.5°	173.2	152.6	124.5	98.6	77.8	50.4	24.4	16.5	13.5	12.1	10.7
25°	235.5	203.8	167.4	128.9	95.1	70.0	29.0	18.3	14.4	12.5	11.1
22.5°	311.5	258.8	213.2	162.3	121.1	92.2	39.5	22.1	15.7	13.0	11.5
20°	390.8	316.4	262.4	199.7	152.5	114.2	56.5	26.0	17.1	13.4	11.8
17.5°	473.3	389.9	321.7	243.8	184.6	137.8	74.7	30.0	18.6	13.7	12.1
15°	584.5	483.8	386.5	290.5	215.2	162.5	93.5	33.9	20.1	14.1	12.5
12.5°	701.9	581.8	455.2	338.9	244.3	188.0	112.6	37.7	21.7	15.1	12.8
10°	818.3	682.0	526.0	387.6	271.9	213.6	131.4	43.0	25.2	16.7	13.2
7.5°	932.5	782.2	597.3	435.7	301.3	247.0	162.3	51.7	29.1	18.5	13.6
5°	1035.8	871.5	667.6	494.5	348.1	288.0	195.0	60.5	33.0	20.3	14.0
2.5°	1101.4	940.9	733.5	551.0	393.9	327.4	226.2	69.0	36.7	22.1	14.4
0°	1160.0	1002.4	793.5	602.9	438.0	364.7	254.7	77.0	40.3	23.8	14.7
-2.5°	1197.2	1038.5	826.4	644.1	483.7	405.6	289.3	99.6	53.4	30.7	17.5
-5°	1228.3	1066.7	853.9	680.8	527.1	443.5	319.0	120.9	65.9	37.3	20.3
-7.5°	1239.7	1072.4	868.2	709.8	568.2	478.1	342.9	140.3	77.4	43.3	22.8
-10°	1239.8	1060.5	863.5	709.4	578.2	492.7	357.4	157.4	87.7	48.6	25.0
-12.5°	1231.0	1040.4	854.7	704.0	580.0	488.7	346.9	168.7	96.4	53.1	26.9
-15°	1212.7	1012.3	842.1	693.8	578.8	482.1	334.0	176.1	103.1	56.8	28.3
-17.5°	1175.4	976.0	826.0	678.5	574.4	473.1	319.1	181.0	108.1	59.9	29.9
-20°	1087.8	923.8	806.4	658.2	566.7	461.8	303.0	183.3	111.1	61.6	31.4



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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°	995.6	863.5	756.5	645.1	553.7	448.3	286.1	182.9	112.1	62.0	32.4
-25°	900.9	802.1	702.5	614.5	535.1	423.0	276.3	179.6	110.9	61.0	32.7
-27.5°	824.7	740.7	650.4	584.0	504.8	398.6	271.2	177.7	108.3	58.4	32.4
-30°	756.2	683.8	612.6	552.4	473.8	363.9	262.4	173.1	105.2	56.7	31.5
-32.5°	702.6	631.0	579.2	517.2	435.7	328.6	243.5	165.3	99.9	55.4	30.7
-35°	659.8	595.3	546.2	482.1	394.6	300.8	220.2	154.4	92.4	53.3	29.7
-37.5°	617.7	568.2	508.4	442.7	353.7	270.6	198.7	137.5	82.6	50.1	27.9
-40°	588.0	536.5	474.6	398.6	316.7	238.1	175.5	121.0	76.1	46.0	25.5
-42.5°	556.7	498.4	431.6	355.3	278.8	210.7	151.4	103.7	68.9	42.1	22.5
-45°	514.2	454.7	384.4	312.4	240.0	181.8	131.4	86.9	60.8	37.8	19.9
-47.5°	467.5	403.1	337.1	268.7	207.0	153.4	110.5	77.2	52.2	32.7	18.5
-50°	412.0	351.7	289.9	230.2	173.5	129.9	91.5	66.9	44.9	26.3	16.7
-52.5°	361.1	301.4	245.9	192.2	145.7	105.6	79.3	56.2	37.0	22.4	14.7
-55°	309.3	253.6	203.2	157.7	117.4	89.1	66.5	46.5	28.6	19.3	12.6
-57.5°	257.5	206.4	163.3	123.8	95.8	74.2	54.1	36.2	23.6	16.1	12.3
-60°	204.4	162.1	123.3	99.2	78.7	59.2	41.6	27.2	19.3	13.2	11.9
-62.5°	154.1	120.0	98.9	79.8	61.3	44.2	29.8	21.8	14.8	12.7	11.5
-65°	115.7	95.4	77.0	59.5	43.3	30.7	23.1	16.1	13.3	12.2	11.2
-67.5°	86.2	69.2	53.3	38.4	30.0	23.2	16.3	13.9	12.8	11.7	11.1
-70°	55.4	41.5	33.8	28.0	21.8	16.4	14.5	13.2	12.1	11.5	11.1
-72.5°	33.8	29.1	24.2	19.4	17.0	15.0	13.5	12.5	11.8	11.3	11.0
-75°	23.0	20.6	18.6	16.7	14.9	13.5	12.6	11.9	11.3	11.0	10.6
-77.5°	18.4	16.7	15.2	14.1	13.1	12.3	11.6	11.2	10.8	10.5	10.1
-80°	14.5	13.5	12.7	12.0	11.4	11.0	10.7	10.4	10.1	9.9	9.6
-82.5°	11.1	10.8	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0
-85°	8.9	9.0	9.2	9.5	9.3	9.2	9.1	8.9	8.8	8.6	8.4
-87.5°	7.6	7.9	8.2	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.9
-90°	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.4	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.8	7.4	7.3	7.3	7.3	7.3	7.3
75°	8.3	7.8	7.4	7.3	7.3	7.3	7.3
72.5°	8.8	8.2	7.7	7.3	7.3	7.3	7.3
70°	9.2	8.6	8.0	7.3	7.3	7.3	7.3
67.5°	9.2	9.0	8.3	7.6	7.3	7.3	7.3
65°	9.2	9.2	8.6	7.8	7.3	7.3	7.3
62.5°	9.2	9.2	8.9	8.0	7.3	7.3	7.3
60°	9.2	9.2	9.2	8.2	7.3	7.3	7.3
57.5°	9.2	9.2	9.2	8.5	7.4	7.3	7.3
55°	9.2	9.2	9.2	8.7	7.6	7.3	7.3
52.5°	9.2	9.2	9.2	8.9	7.7	7.3	7.3
50°	9.2	9.2	9.2	9.1	7.8	7.3	7.3
47.5°	9.2	9.2	9.2	9.2	8.0	7.3	7.3
45°	9.2	9.2	9.2	9.2	8.1	7.3	7.3
42.5°	9.2	9.2	9.2	9.2	8.2	7.3	7.3
40°	9.2	9.2	9.2	9.2	8.3	7.3	7.3
37.5°	9.2	9.2	9.2	9.2	8.4	7.3	7.3
35°	9.2	9.2	9.2	9.2	8.5	7.3	7.3
32.5°	9.3	9.2	9.2	9.2	8.6	7.3	7.3
30°	9.4	9.2	9.2	9.2	8.7	7.3	7.3
27.5°	9.6	9.2	9.2	9.2	8.8	7.3	7.3
25°	9.9	9.2	9.2	9.2	8.8	7.3	7.3
22.5°	10.1	9.2	9.2	9.2	8.9	7.3	7.3
20°	10.3	9.4	9.2	9.2	9.0	7.3	7.3
17.5°	10.5	9.5	9.2	9.2	9.0	7.3	7.3
15°	10.7	9.7	9.2	9.2	9.1	7.3	7.3
12.5°	10.8	9.9	9.2	9.2	9.1	7.3	7.3
10°	10.9	10.1	9.2	9.2	9.1	7.3	7.3
7.5°	11.0	10.4	9.2	9.2	9.2	7.3	7.3
5°	11.0	10.6	9.2	9.2	9.2	7.3	7.3
2.5°	11.0	10.8	9.2	9.2	9.2	7.3	7.3
0°	11.0	11.0	9.2	9.2	9.2	7.3	7.3
-2.5°	12.0	11.0	9.2	9.2	9.2	7.3	7.3
-5°	12.9	11.0	9.2	9.2	9.2	7.3	7.3
-7.5°	13.8	10.9	9.2	9.2	9.2	7.3	7.3
-10°	14.5	10.9	9.2	9.2	9.1	7.3	7.3
-12.5°	15.1	10.8	9.2	9.2	9.1	7.3	7.3
-15°	15.6	10.7	9.2	9.2	9.1	7.3	7.3
-17.5°	15.8	10.6	9.2	9.2	9.0	7.3	7.3
-20°	16.2	10.4	9.2	9.2	9.0	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.8	10.3	9.2	9.2	8.9	7.3	7.3
-25°	17.1	10.4	9.2	9.2	8.8	7.3	7.3
-27.5°	17.0	10.6	9.2	9.2	8.8	7.3	7.3
-30°	16.6	10.6	9.2	9.2	8.7	7.3	7.3
-32.5°	15.7	10.6	9.3	9.2	8.6	7.3	7.3
-35°	15.2	10.3	9.4	9.2	8.5	7.3	7.3
-37.5°	15.0	10.1	9.4	9.2	8.4	7.3	7.3
-40°	14.5	10.2	9.5	9.2	8.3	7.3	7.3
-42.5°	13.8	10.3	9.5	9.2	8.2	7.3	7.3
-45°	12.8	10.3	9.6	9.3	8.1	7.3	7.3
-47.5°	11.6	10.3	9.6	9.3	8.0	7.3	7.3
-50°	11.4	10.2	9.7	9.2	7.8	7.3	7.3
-52.5°	11.2	10.1	9.7	9.0	7.7	7.3	7.3
-55°	11.1	10.2	9.8	8.9	7.6	7.3	7.3
-57.5°	10.9	10.2	9.8	8.7	7.4	7.3	7.3
-60°	10.7	10.3	9.8	8.5	7.3	7.3	7.3
-62.5°	10.7	10.3	9.6	8.3	7.3	7.3	7.3
-65°	10.8	10.3	9.3	8.1	7.3	7.3	7.3
-67.5°	10.8	10.2	9.1	7.9	7.3	7.3	7.3
-70°	10.8	9.9	8.8	7.7	7.3	7.3	7.3
-72.5°	10.5	9.5	8.5	7.7	7.3	7.3	7.3
-75°	10.1	9.2	8.2	7.6	7.3	7.3	7.3
-77.5°	9.6	8.8	8.1	7.6	7.3	7.3	7.3
-80°	9.2	8.5	7.9	7.5	7.3	7.3	7.3
-82.5°	8.8	8.2	7.8	7.5	7.3	7.3	7.3
-85°	8.3	7.9	7.6	7.4	7.3	7.3	7.3
-87.5°	7.8	7.6	7.5	7.4	7.3	7.3	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)