

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: P1305603 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

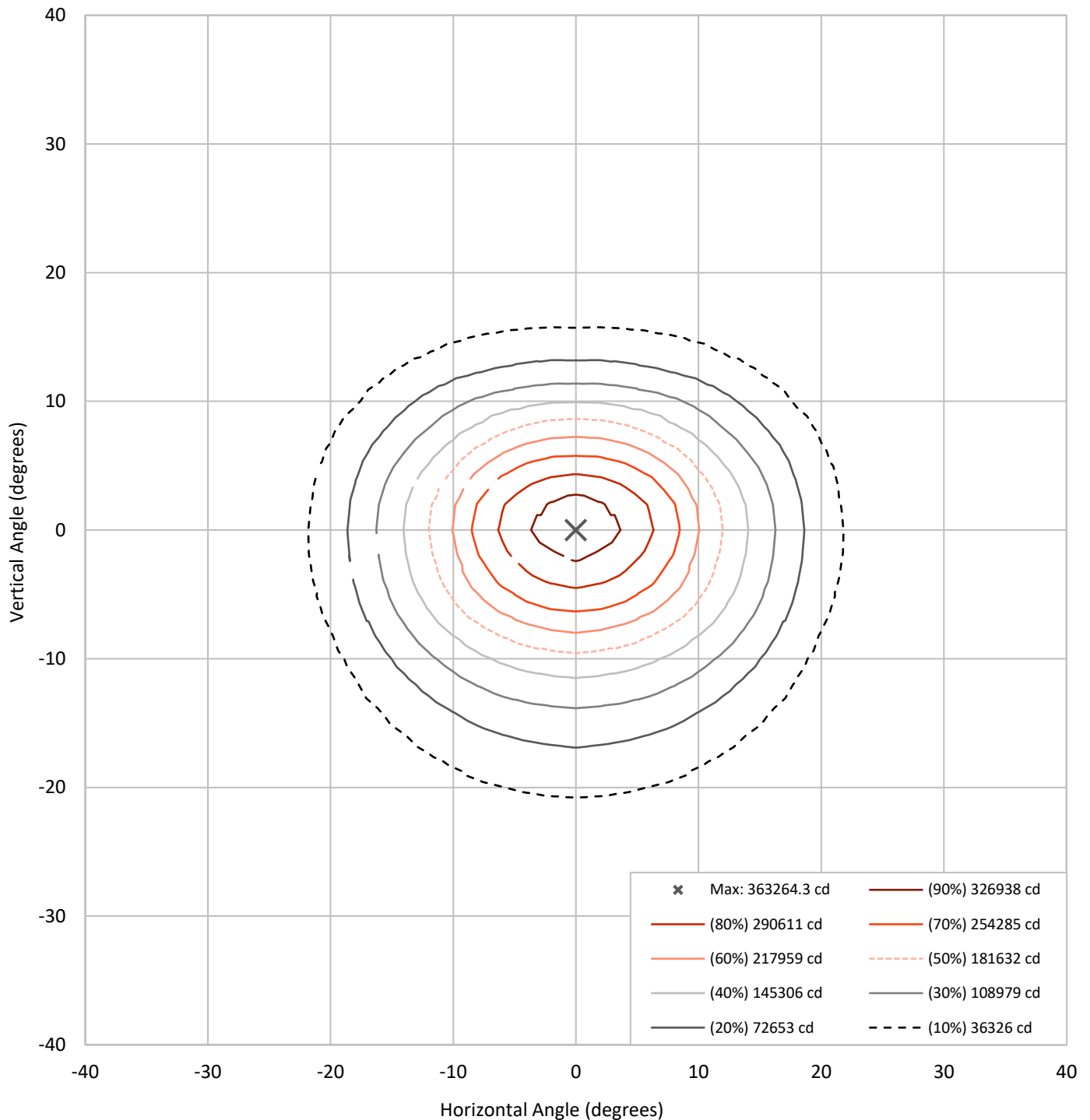
Test Method: LM-79-08
Report Number: P1305603 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	60728.8 lumens	Max Intensity:	363264.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	25978.4 lumens	Field Lumens:	51898.8 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
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





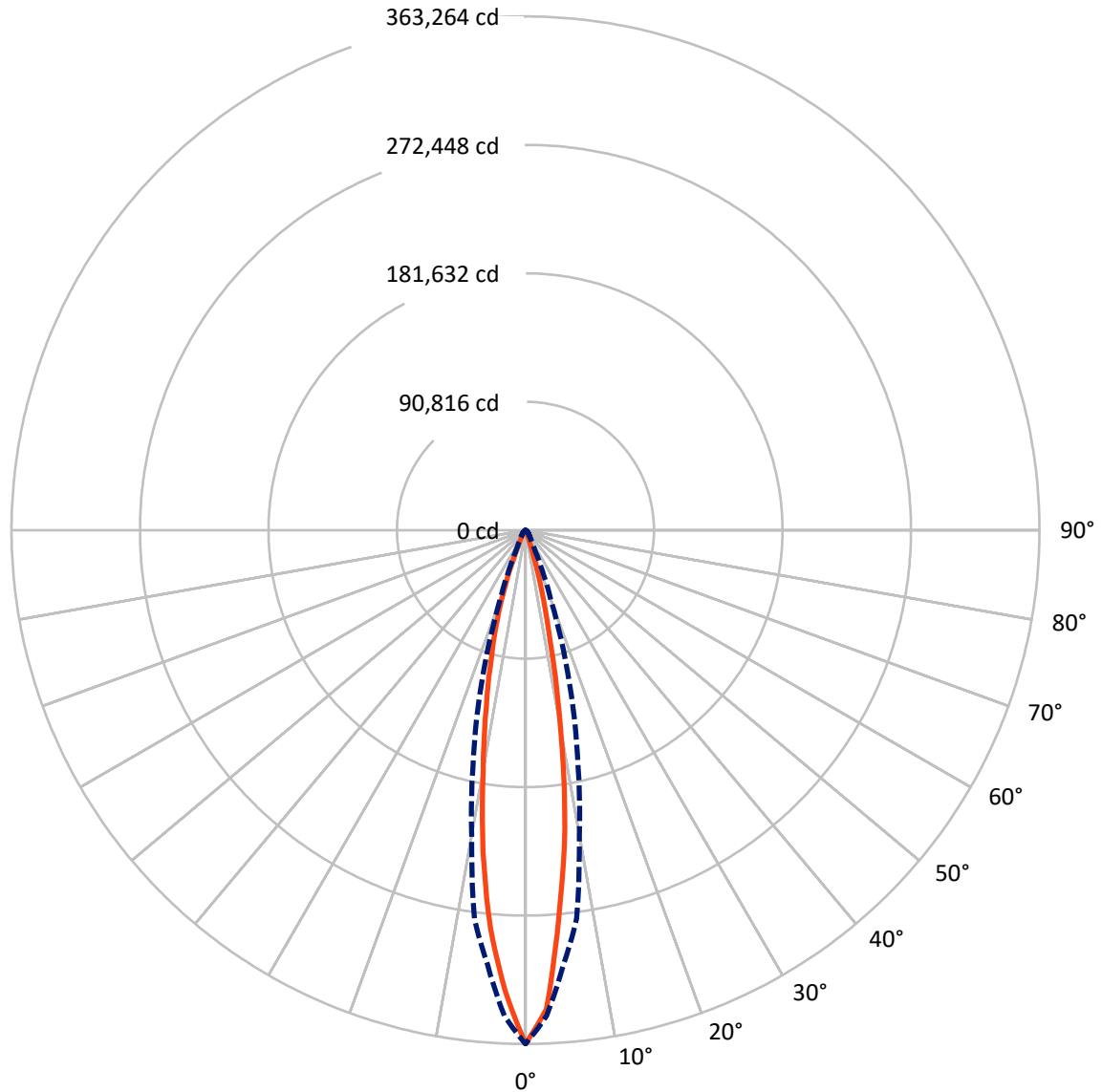
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Lumen Table

90	0.2	0.5		0.7		0.8		0.9		0.8		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.8		0.9		0.8		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.3	0.3	0.3	0.5	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.6	0.9	1.7	2.4	3.0	3.9	3.9	3.0	2.4	1.7	0.9	0.6	0.2				
30	0.3	0.5	1.7	4.2	8.0	12.2	27.6	55.5	55.5	27.6	12.2	8.0	4.2	1.7	0.5	0.3			
20		1.2	6.2	19.9	43.7	117.3	650.5	1488.6	1488.6	650.5	117.3	43.7	19.9	6.2	1.2				
10	0.4	2.2	13.1	47.2	110.1	484.4	3038.0	7091.3	7091.3	3038.0	484.4	110.1	47.2	13.1	2.2	0.4			
0		3.0	15.6	55.3	123.5	516.2	3240.2	7303.8	7303.8	3240.2	516.2	123.5	55.3	15.6	3.0				
-10	0.6	3.1	13.4	41.9	87.7	222.5	1176.4	2647.6	2647.6	1176.4	222.5	87.7	41.9	13.4	3.1	0.6			
-20		3.0	10.9	26.3	62.0	105.0	227.8	458.1	458.1	227.8	105.0	62.0	26.3	10.9	3.0				
-30	0.5	2.7	8.7	18.4	40.1	72.4	98.4	114.7	114.7	98.4	72.4	40.1	18.4	8.7	2.7	0.5			
-40		1.9	6.5	13.9	24.9	40.6	62.2	78.2	78.2	62.2	40.6	24.9	13.9	6.5	1.9				
-50	0.3	0.9	3.8	8.8	15.8	23.2	29.5	33.1	33.1	29.5	23.2	15.8	8.8	3.8	0.9	0.3			
-60		0.3	1.3	3.8	7.1	11.0	14.7	17.0	17.0	14.7	11.0	7.1	3.8	1.3	0.3				
-70	0.2	0.9		2.9		7.8		12.1		7.8		2.9		0.9		0.2			
-80		0.9		2.9		7.8		12.1		7.8		2.9		0.9					
-90	0.2	0.9		2.9		7.8		12.1		7.8		2.9		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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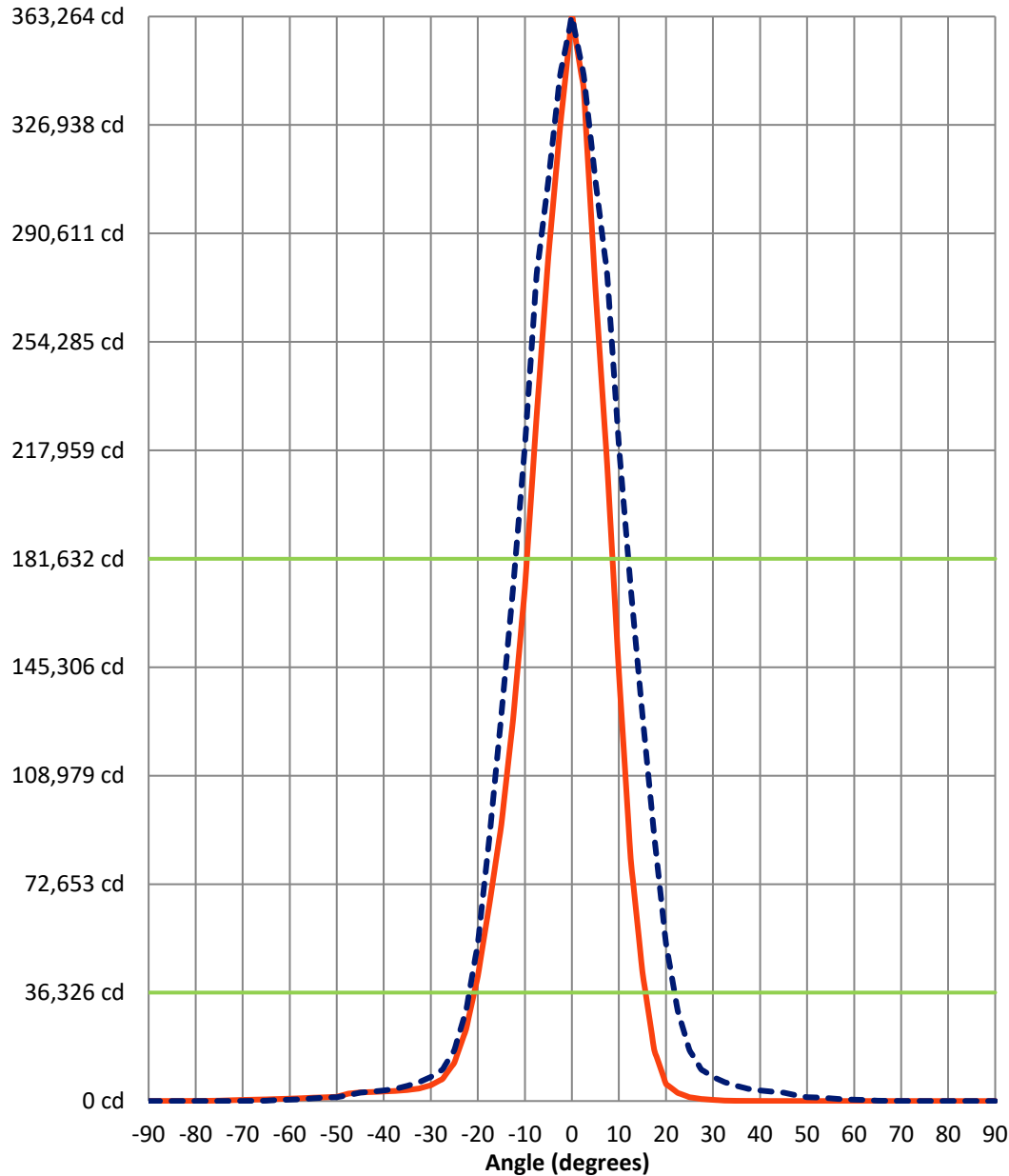
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 25978.4
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 51898.8
 Efficiency: 85.5%

Spill:
 Lumens: 8830
 Efficiency: 14.5%

— 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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.3
67.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	8.4	9.1
65°	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.7	8.3	9.1	9.4
62.5°	7.7	7.7	7.7	7.7	7.7	7.9	7.9	8.1	8.9	9.5	8.9
60°	7.7	7.7	7.7	7.7	7.7	8.1	8.1	8.6	9.5	9.2	8.4
57.5°	7.7	7.7	7.7	7.7	7.9	8.3	8.4	9.1	9.5	9.0	8.4
55°	7.7	7.7	7.8	7.7	8.1	8.5	8.8	9.6	9.4	8.9	8.5
52.5°	7.7	7.7	7.8	7.7	8.3	8.7	9.1	9.6	9.4	9.0	8.6
50°	7.7	7.7	7.8	7.7	8.5	8.9	9.4	9.7	9.5	9.1	10.4
47.5°	7.7	7.7	7.9	7.7	8.7	9.1	9.6	9.9	9.6	9.2	12.0
45°	7.7	7.7	7.9	7.9	8.9	9.2	9.8	10.0	9.8	10.2	13.2
42.5°	7.7	7.7	8.0	8.1	9.2	9.4	10.0	10.2	10.0	10.8	14.5
40°	7.7	7.7	8.1	8.3	9.3	9.5	10.2	10.5	10.5	11.2	15.7
37.5°	7.7	7.7	8.1	8.5	9.4	9.6	10.4	10.8	11.3	12.4	16.8
35°	7.7	7.7	8.2	8.7	9.5	9.7	10.7	11.1	12.1	14.4	17.5
32.5°	7.7	7.7	8.3	8.9	9.6	9.9	10.9	11.5	13.0	16.5	19.2
30°	7.7	7.7	8.4	9.0	9.6	10.1	11.3	12.0	13.9	18.6	21.3
27.5°	7.7	7.7	8.5	9.1	9.6	10.3	11.6	12.8	15.2	20.8	23.8
25°	7.7	7.7	8.6	9.3	9.6	10.6	11.9	13.5	17.0	23.0	26.7
22.5°	7.7	7.7	8.7	9.3	9.6	10.8	12.3	14.3	18.7	25.2	32.2
20°	7.7	7.7	8.8	9.4	9.6	10.9	12.6	15.0	20.5	27.6	38.3
17.5°	7.7	7.7	8.9	9.5	9.6	11.1	12.9	15.8	22.2	30.2	44.8
15°	7.7	7.7	9.0	9.5	9.6	11.2	13.0	16.6	23.9	32.9	51.6
12.5°	7.7	7.7	9.1	9.6	9.6	11.3	13.1	17.7	25.7	35.6	58.6
10°	7.7	7.7	9.2	9.6	9.6	11.4	13.2	18.8	27.7	40.1	67.1
7.5°	7.7	7.7	9.3	9.6	9.6	11.4	13.3	19.9	29.6	45.1	79.0
5°	7.7	7.7	9.4	9.6	9.6	11.5	13.4	21.0	31.4	50.1	90.9
2.5°	7.7	7.7	9.5	9.6	9.6	11.5	13.4	22.0	33.0	54.9	102.4
0°	7.7	7.7	9.6	9.6	9.6	11.5	13.4	23.0	34.5	59.5	113.2
-2.5°	7.7	7.7	9.6	9.6	9.8	11.9	15.2	27.5	43.8	73.1	129.6
-5°	7.7	7.7	9.6	9.6	9.9	12.3	16.9	31.7	52.7	86.1	144.8
-7.5°	7.7	7.7	9.6	9.6	10.1	12.6	18.5	35.5	61.0	98.2	158.7
-10°	7.7	7.7	9.5	9.6	10.2	13.0	19.9	38.9	68.4	109.3	171.1
-12.5°	7.7	7.7	9.5	9.6	10.4	13.2	21.1	41.8	74.8	119.2	182.4
-15°	7.7	7.7	9.5	9.6	10.5	13.5	22.1	44.0	80.7	128.2	192.2
-17.5°	7.7	7.7	9.4	9.6	10.5	13.6	22.8	46.5	86.2	136.0	200.0
-20°	7.7	7.7	9.4	9.6	10.6	13.7	23.4	48.8	90.3	142.4	205.8



REPORT NUMBER: P1305603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	7.7	9.3	9.6	10.6	13.7	24.1	50.1	93.0	147.3	209.5
-25°	7.7	7.7	9.2	9.6	10.6	13.9	24.2	50.2	94.0	150.7	210.9
-27.5°	7.7	7.7	9.2	9.6	10.6	14.0	23.7	49.1	93.3	152.2	213.8
-30°	7.7	7.7	9.1	9.6	10.5	14.0	22.5	46.6	91.7	151.1	214.9
-32.5°	7.7	7.7	9.0	9.6	10.5	13.9	20.6	44.8	88.8	147.7	213.9
-35°	7.7	7.7	8.9	9.6	10.5	13.7	19.7	42.6	84.0	141.9	210.8
-37.5°	7.7	7.7	8.8	9.6	10.4	13.4	19.4	39.2	77.3	133.7	196.7
-40°	7.7	7.7	8.7	9.6	10.3	13.3	18.9	34.7	68.7	124.0	179.3
-42.5°	7.7	7.7	8.6	9.6	10.2	13.1	18.3	29.0	61.1	108.9	160.1
-45°	7.7	7.7	8.5	9.6	10.3	12.9	17.5	24.8	53.3	92.1	139.4
-47.5°	7.7	7.7	8.4	9.6	10.2	12.5	16.5	23.6	44.0	74.1	119.1
-50°	7.7	7.7	8.2	9.5	10.2	12.1	15.8	22.1	32.6	61.2	97.4
-52.5°	7.7	7.7	8.1	9.3	10.1	11.6	15.2	20.4	27.4	47.6	75.3
-55°	7.7	7.7	8.0	9.1	10.0	11.3	14.4	18.6	24.9	33.5	59.4
-57.5°	7.7	7.7	7.8	9.0	9.8	11.0	13.5	17.5	22.2	28.0	42.9
-60°	7.7	7.7	7.7	8.8	9.6	10.7	12.6	16.2	19.8	25.0	30.3
-62.5°	7.7	7.7	7.7	8.6	9.4	10.3	12.0	14.8	18.2	21.8	26.9
-65°	7.7	7.7	7.7	8.5	9.2	9.8	11.3	13.5	16.5	19.7	23.3
-67.5°	7.7	7.7	7.7	8.3	9.1	9.5	10.5	12.5	14.8	17.8	20.8
-70°	7.7	7.7	7.7	8.1	8.9	9.4	9.7	11.5	13.7	15.9	18.6
-72.5°	7.7	7.7	7.7	8.1	8.8	9.3	9.6	10.5	12.6	14.6	16.6
-75°	7.7	7.7	7.7	8.0	8.6	9.2	9.6	10.2	11.4	13.2	15.1
-77.5°	7.7	7.7	7.7	8.0	8.5	9.1	9.6	10.0	10.8	12.0	13.6
-80°	7.7	7.7	7.7	7.9	8.3	8.9	9.6	9.8	10.2	11.0	12.1
-82.5°	7.7	7.7	7.7	7.9	8.2	8.6	9.2	9.4	9.6	10.0	10.6
-85°	7.7	7.7	7.7	7.8	8.0	8.3	8.7	8.8	9.0	9.2	9.3
-87.5°	7.7	7.7	7.7	7.8	7.9	8.0	8.2	8.3	8.3	8.4	8.5
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7



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 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.2	8.7	9.1
87.5°	7.4	7.2	7.0	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.8
85°	7.7	7.7	7.7	7.7	7.2	6.8	6.3	5.8	5.8	5.8	5.8
82.5°	7.7	7.7	7.7	7.7	7.3	6.8	6.4	6.1	6.1	6.1	6.0
80°	7.7	7.7	7.7	7.7	7.5	7.3	7.3	7.4	7.2	6.8	6.4
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	6.9	6.4
75°	7.7	7.7	7.8	7.8	7.7	7.7	7.7	7.7	7.5	7.4	7.4
72.5°	8.0	8.2	8.2	7.9	7.7	7.7	7.7	7.7	9.1	11.0	12.4
70°	8.8	8.9	8.3	7.8	7.7	8.2	10.5	13.8	17.1	19.6	22.7
67.5°	9.3	8.5	7.9	7.9	9.3	11.8	15.5	23.7	32.8	36.4	37.4
65°	8.6	7.9	8.2	9.4	11.3	18.1	27.1	37.7	45.5	44.9	42.6
62.5°	7.9	8.0	9.0	12.0	18.2	26.7	34.9	42.3	49.7	47.7	40.9
60°	7.8	8.2	11.8	18.0	24.5	30.7	38.4	42.6	46.0	45.8	36.2
57.5°	7.9	10.4	16.6	22.8	27.9	32.7	35.1	38.1	39.3	39.4	29.5
55°	9.2	14.3	20.4	25.5	29.4	28.8	29.7	30.1	30.3	28.2	20.0
52.5°	12.2	17.6	22.5	27.1	28.0	25.3	22.1	22.2	20.7	17.5	14.4
50°	14.7	19.5	24.4	27.5	26.3	21.0	16.3	16.2	14.7	12.7	11.0
47.5°	16.5	21.3	26.0	27.7	23.3	19.0	15.0	13.1	11.7	11.3	10.1
45°	18.1	22.7	27.7	25.9	22.0	18.8	15.5	11.5	12.0	11.9	12.3
42.5°	19.6	23.7	26.5	24.7	22.4	20.1	17.1	14.8	13.8	15.2	15.8
40°	20.2	24.4	25.6	26.0	23.8	22.6	22.2	20.4	17.7	20.2	21.0
37.5°	20.5	24.3	26.7	29.8	27.0	27.8	28.9	29.3	27.7	27.1	30.4
35°	20.5	25.0	32.2	35.9	33.6	35.3	38.6	40.1	40.2	39.4	45.2
32.5°	21.0	26.3	39.8	43.0	45.5	47.5	49.7	53.3	56.6	60.3	69.8
30°	23.7	33.4	48.4	51.0	60.0	69.4	66.8	68.6	76.1	100.1	121.0
27.5°	29.5	43.0	56.0	63.8	78.5	98.2	104.4	92.3	114.2	151.4	186.9
25°	36.4	69.7	64.2	79.5	106.8	136.5	153.0	151.2	172.6	219.7	261.9
22.5°	51.2	104.5	101.3	96.7	139.8	183.3	211.6	260.8	329.9	329.6	344.9
20°	76.8	137.8	148.0	160.8	188.6	237.2	277.7	407.8	551.9	600.8	547.5
17.5°	106.8	174.4	201.3	244.6	306.3	337.8	360.8	583.5	827.1	923.6	953.9
15°	140.2	213.9	258.2	338.3	436.8	492.6	590.8	845.2	1133.1	1296.7	1418.4
12.5°	175.8	255.5	317.8	439.6	576.7	650.4	868.3	1236.6	1523.2	1720.6	2029.9
10°	212.5	298.4	379.2	546.0	723.0	810.1	1165.4	1639.5	1939.0	2167.5	2590.7
7.5°	252.9	341.1	440.1	654.4	872.4	970.5	1472.2	2045.7	2344.3	2598.8	3077.1
5°	292.3	382.1	494.7	746.7	992.3	1105.8	1748.9	2444.2	2737.9	3014.3	3516.3
2.5°	328.6	421.3	547.2	831.7	1087.3	1200.5	1882.2	2647.0	2967.3	3310.1	3848.1
0°	360.7	458.5	596.6	909.3	1174.1	1291.1	1987.5	2822.0	3153.9	3543.3	4090.1
-2.5°	367.5	473.2	614.2	908.2	1162.5	1288.8	1997.7	2829.7	3218.1	3629.8	4164.9
-5°	369.2	485.1	627.8	899.1	1143.2	1281.4	1977.1	2801.1	3228.8	3608.8	4090.6
-7.5°	366.7	493.5	637.1	881.3	1105.6	1238.8	1860.5	2627.5	3060.0	3391.0	3844.1
-10°	360.0	492.3	626.7	841.2	1045.6	1174.2	1701.0	2427.2	2884.2	3169.2	3563.9
-12.5°	348.5	483.1	610.1	798.2	985.0	1108.2	1515.1	2205.4	2706.0	2949.4	3268.8
-15°	335.7	472.2	590.6	753.8	925.7	1041.9	1304.1	1966.0	2536.3	2784.1	3021.5
-17.5°	322.2	459.9	568.4	709.4	869.7	976.1	1076.3	1711.7	2321.7	2615.7	2844.9
-20°	309.0	446.4	543.8	666.2	816.9	925.1	1007.3	1454.0	2020.0	2429.0	2659.2



REPORT NUMBER: P1305603 (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°	296.8	432.0	520.4	632.7	770.4	884.4	967.9	1201.8	1701.7	2226.0	2474.8
-25°	292.3	411.3	501.4	603.4	725.9	843.4	929.4	987.9	1401.0	1920.0	2299.1
-27.5°	292.4	393.9	483.1	571.8	681.5	799.7	885.6	945.9	1172.4	1619.2	2101.0
-30°	289.8	373.0	463.0	541.2	642.5	749.5	840.2	923.4	995.1	1352.8	1778.0
-32.5°	278.8	351.0	438.8	517.2	603.4	701.0	803.0	892.1	969.9	1086.2	1471.4
-35°	264.0	332.8	412.4	491.5	563.7	657.7	758.1	855.5	938.0	1010.3	1186.0
-37.5°	250.5	312.2	385.1	463.1	534.1	614.7	709.7	807.4	896.1	981.9	1061.3
-40°	235.2	289.2	359.1	432.5	503.3	573.7	659.6	751.8	845.3	944.3	1039.9
-42.5°	217.5	270.2	331.5	400.6	467.8	536.8	607.2	693.9	788.0	892.7	992.3
-45°	194.2	249.1	302.4	364.7	428.3	495.4	563.3	633.2	724.1	820.6	925.0
-47.5°	168.9	224.7	276.5	326.5	386.3	448.8	514.9	583.5	655.3	743.3	836.9
-50°	142.5	194.4	247.0	292.1	342.3	400.0	460.6	528.8	597.2	666.3	746.1
-52.5°	116.7	162.1	211.3	258.2	301.5	349.7	406.0	467.8	533.1	599.4	661.0
-55°	89.5	130.7	173.2	218.9	262.7	303.7	349.2	404.6	463.1	524.6	581.0
-57.5°	67.5	98.6	136.4	176.3	218.7	260.2	299.9	340.0	390.5	444.8	493.2
-60°	48.5	71.1	100.1	135.2	171.4	210.6	250.5	288.0	324.8	360.4	403.7
-62.5°	31.8	49.4	69.9	94.5	126.6	159.7	195.0	231.1	267.0	297.9	326.4
-65°	27.9	31.9	45.8	64.2	82.5	112.3	142.3	171.1	202.6	230.9	258.4
-67.5°	23.8	27.5	31.2	37.7	54.2	72.7	92.1	118.4	143.4	163.8	184.2
-70°	21.1	23.3	26.4	29.6	33.1	40.6	56.9	73.8	90.5	106.3	123.6
-72.5°	18.7	20.6	22.6	24.5	27.5	31.0	34.7	38.5	47.9	60.5	72.5
-75°	16.5	18.0	19.7	21.4	23.3	25.4	27.7	30.9	33.9	36.5	38.9
-77.5°	14.7	15.7	16.9	18.2	19.7	21.3	23.1	24.9	26.9	28.9	31.0
-80°	12.8	13.4	14.1	15.0	16.3	17.5	18.8	20.0	21.1	22.5	24.0
-82.5°	11.1	11.5	11.9	12.3	13.1	14.0	14.9	15.9	16.3	16.6	17.2
-85°	9.5	9.6	9.9	10.2	10.5	10.9	11.4	11.9	12.1	12.1	12.1
-87.5°	8.6	8.6	8.7	8.8	8.9	8.9	9.0	9.0	9.2	9.4	9.5
-90°	7.2	6.8	6.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.6	10.1	10.5	11.0	11.5	15.8	20.1	24.5	28.8	36.0	43.2
87.5°	5.8	5.3	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.9	1.9
85°	5.8	5.3	4.8	4.3	3.8	3.7	3.7	3.7	3.7	3.3	2.8
82.5°	5.8	5.3	4.8	4.3	3.8	3.8	3.8	3.8	3.8	3.3	2.9
80°	5.9	5.5	5.3	5.1	5.1	4.9	4.6	4.2	3.8	3.8	3.7
77.5°	6.1	6.1	6.1	6.0	5.9	5.4	4.9	4.4	3.9	3.8	3.8
75°	7.5	7.7	7.9	7.6	6.9	6.5	6.2	5.8	5.5	5.2	4.8
72.5°	13.4	13.5	12.9	12.4	11.2	10.7	10.8	10.6	10.3	10.2	10.0
70°	24.6	25.0	24.0	21.7	18.3	16.1	15.0	13.7	12.1	11.4	11.4
67.5°	35.0	32.1	28.9	25.7	21.5	18.1	16.0	14.0	12.3	11.3	10.8
65°	38.3	31.3	26.2	22.1	18.9	16.3	14.1	12.0	9.9	8.6	8.2
62.5°	33.3	24.9	19.8	16.7	14.5	13.0	10.9	9.1	7.4	6.5	6.7
60°	27.1	18.4	13.6	11.9	10.6	9.6	8.5	7.3	6.4	5.8	5.9
57.5°	20.3	13.4	9.6	9.4	8.8	8.1	7.4	6.8	6.3	5.8	5.8
55°	14.0	11.1	9.6	9.1	8.6	8.0	7.5	6.9	6.4	5.8	5.8
52.5°	11.0	10.1	9.7	9.3	8.7	8.2	7.6	7.1	6.5	5.9	5.8
50°	10.0	9.7	9.8	9.4	8.9	8.3	7.8	7.4	7.3	7.1	7.1
47.5°	10.3	10.6	10.4	9.7	9.3	9.4	9.4	9.4	9.5	9.2	9.0
45°	11.7	11.8	11.7	11.6	11.1	12.2	12.8	12.9	15.0	14.2	12.0
42.5°	14.6	15.3	16.1	17.1	15.8	20.2	27.1	31.8	27.2	21.5	18.1
40°	22.1	22.7	27.6	30.1	35.7	42.0	38.3	32.0	28.5	30.5	31.6
37.5°	34.9	40.8	48.8	57.7	55.5	46.1	47.1	47.0	45.3	49.2	49.5
35°	57.0	71.4	78.1	80.3	76.4	73.4	76.1	78.6	72.7	82.0	85.0
32.5°	93.1	110.7	114.7	110.6	111.0	117.5	122.3	131.0	139.8	153.8	170.5
30°	137.4	156.3	165.4	157.0	158.8	174.1	184.0	203.9	235.7	272.1	317.4
27.5°	203.6	217.6	233.8	236.0	228.5	250.8	285.8	306.8	392.3	449.0	550.9
25°	290.9	312.7	326.9	350.9	363.8	390.8	458.0	522.7	654.1	782.0	999.1
22.5°	405.5	475.5	501.2	497.6	573.1	645.9	703.2	884.2	1143.0	1521.8	1948.2
20°	556.9	700.7	822.9	862.6	889.5	1081.4	1278.9	1840.8	2485.0	3560.2	4396.1
17.5°	1003.8	1051.1	1319.6	1538.0	1641.9	2048.5	2970.2	4384.8	6816.1	10143.0	12188.4
15°	1675.9	1811.0	2080.1	2542.2	3114.1	4191.8	5730.3	10240.2	16476.0	23290.5	29778.3
12.5°	2418.1	2699.8	3192.8	3873.4	4781.4	7856.3	12821.5	21306.5	32850.9	44657.3	59715.1
10°	3106.9	3673.3	4482.5	5631.2	7962.4	13215.6	21573.2	35996.4	56445.3	77767.8	99069.6
7.5°	3668.7	4479.2	5662.5	7383.1	11561.3	19995.2	33701.6	54952.3	81171.0	108603.5	137485.6
5°	4236.1	5262.1	6687.3	8769.2	13919.6	25233.0	43464.1	72556.9	106392.4	140958.1	177356.0
2.5°	4728.0	5928.3	7578.2	10010.6	15505.5	28067.9	49353.4	85177.2	124903.6	166267.1	212625.6
0°	5091.5	6313.6	8067.0	10597.4	17068.3	30274.7	52800.9	88907.7	129313.7	172017.0	219397.4
-2.5°	5040.9	6146.1	7735.5	10246.6	16525.2	29876.6	50647.6	85836.3	125382.1	165412.4	207669.4
-5°	4810.6	5771.7	7195.9	9443.6	14650.1	25921.7	45450.4	77880.6	114653.0	151234.1	188832.6
-7.5°	4459.6	5291.1	6539.4	8470.4	12487.8	21363.4	37592.8	62961.4	94575.8	125840.3	154844.0
-10°	4097.0	4774.3	5786.1	7311.8	10177.6	16379.4	27856.1	46821.1	73112.3	98859.5	121085.8
-12.5°	3756.2	4260.5	4980.1	6042.4	7808.7	12261.9	20927.6	34764.2	52325.9	72121.6	91367.3
-15°	3438.2	3811.2	4327.9	5184.7	6598.4	9239.8	13944.2	23165.1	35517.8	49335.6	62639.5
-17.5°	3146.8	3454.3	3857.5	4460.7	5336.7	6970.1	10265.6	15537.5	22995.6	32824.3	42011.6
-20°	2885.6	3164.1	3465.8	3917.7	4590.3	5551.8	7174.2	10446.9	14750.7	20945.7	27021.5



REPORT NUMBER: P1305603 (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°	2681.1	2899.8	3134.2	3480.0	4040.7	4722.5	5529.0	6869.8	9238.7	12416.2	16014.9
-25°	2494.2	2656.2	2899.4	3271.5	3655.6	4110.3	4599.4	5137.1	6188.2	7210.2	9094.3
-27.5°	2316.5	2487.4	2740.8	3076.5	3426.9	3639.3	3952.1	4284.2	4787.0	5230.8	5981.3
-30°	2168.3	2347.7	2562.9	2846.1	3141.2	3341.2	3504.0	3744.3	4023.1	4301.4	4624.3
-32.5°	1889.7	2232.1	2381.2	2597.2	2862.8	3073.3	3217.4	3395.9	3544.9	3717.9	3893.3
-35°	1585.0	1962.6	2271.0	2410.7	2594.4	2828.4	3033.3	3176.7	3292.1	3398.8	3499.3
-37.5°	1240.2	1632.9	1969.6	2253.1	2421.2	2578.0	2795.2	2988.1	3127.0	3200.4	3265.8
-40°	1109.0	1222.4	1578.1	1903.2	2156.3	2401.8	2571.1	2760.1	2920.7	3022.0	3097.9
-42.5°	1086.6	1144.8	1190.8	1437.2	1744.3	2007.3	2231.3	2451.9	2648.0	2793.4	2910.8
-45°	1025.9	1095.2	1159.8	1205.4	1252.7	1485.2	1735.3	1978.9	2200.2	2398.2	2571.3
-47.5°	927.9	1010.7	1079.7	1145.8	1197.2	1237.7	1284.6	1362.2	1569.5	1772.9	1966.1
-50°	821.5	896.4	971.3	1042.3	1098.2	1147.1	1192.3	1230.8	1269.7	1310.4	1349.1
-52.5°	716.2	783.2	849.8	912.2	971.6	1027.6	1079.6	1117.9	1150.6	1179.5	1201.2
-55°	633.4	683.1	731.7	784.6	837.4	886.9	932.1	973.5	1011.1	1044.7	1070.6
-57.5°	541.9	590.7	637.2	676.8	715.3	752.6	791.0	827.7	860.1	888.2	911.0
-60°	446.3	488.0	529.4	568.4	605.5	640.6	672.0	701.0	727.1	749.5	766.3
-62.5°	354.1	387.0	424.2	458.1	487.9	516.5	548.9	578.1	604.1	625.6	641.6
-65°	284.3	308.0	334.7	361.0	386.8	414.6	442.8	467.9	489.9	508.0	522.2
-67.5°	207.2	230.5	256.4	280.0	301.8	325.3	352.3	377.1	399.8	418.1	432.9
-70°	139.7	156.2	176.7	198.7	220.1	242.4	267.1	290.8	313.5	330.9	345.0
-72.5°	83.8	94.6	105.6	120.0	135.1	153.5	174.2	194.9	215.5	230.5	242.2
-75°	41.0	45.4	54.4	62.7	70.3	80.2	90.7	100.5	109.8	116.5	122.1
-77.5°	33.2	35.3	37.4	39.4	41.3	45.6	50.8	56.1	61.6	66.0	70.1
-80°	25.5	26.8	28.2	29.7	31.3	34.6	38.2	41.8	45.4	48.1	50.6
-82.5°	17.8	18.5	19.1	19.7	20.3	22.7	25.1	27.5	29.8	32.0	34.1
-85°	12.0	12.2	12.4	12.5	12.7	15.1	17.6	20.1	22.6	24.6	26.6
-87.5°	9.6	9.7	9.7	9.8	9.8	11.8	13.8	15.8	17.7	19.6	21.4
-90°	5.8	5.3	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0



REPORT NUMBER: P1305603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	50.4	57.6	52.8	48.0	52.8	57.6	50.4	43.2	36.0	28.8	24.5
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	3.7
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.8	3.8
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.8	4.2
77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.4
75°	4.3	3.8	4.8	5.8	4.8	3.8	4.3	4.8	5.2	5.5	5.8
72.5°	9.8	9.5	9.6	9.6	9.6	9.5	9.8	10.0	10.2	10.3	10.6
70°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.4	11.4	12.1	13.7
67.5°	10.3	9.7	9.6	9.6	9.6	9.7	10.3	10.8	11.3	12.3	14.0
65°	7.9	7.8	7.7	7.7	7.7	7.8	7.9	8.2	8.6	9.9	12.0
62.5°	7.1	7.6	7.7	7.7	7.7	7.6	7.1	6.7	6.5	7.4	9.1
60°	5.9	5.9	5.8	5.8	5.8	5.9	5.9	5.9	5.8	6.4	7.3
57.5°	5.8	5.8	6.6	7.7	6.6	5.8	5.8	5.8	5.8	6.3	6.8
55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.4	6.9
52.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.5	7.1
50°	7.4	7.6	7.7	7.7	7.7	7.6	7.4	7.1	7.1	7.3	7.4
47.5°	9.3	9.4	9.0	7.7	9.0	9.4	9.3	9.0	9.2	9.5	9.4
45°	12.0	11.7	11.4	11.5	11.4	11.7	12.0	12.0	14.2	15.0	12.9
42.5°	18.7	18.9	19.0	19.2	19.0	18.9	18.7	18.1	21.5	27.2	31.8
40°	33.2	33.9	34.1	34.5	34.1	33.9	33.2	31.6	30.5	28.5	32.0
37.5°	50.2	51.1	51.3	51.8	51.3	51.1	50.2	49.5	49.2	45.3	47.0
35°	84.7	84.4	81.5	82.5	81.5	84.4	84.7	85.0	82.0	72.7	78.6
32.5°	181.9	183.3	173.8	159.2	173.8	183.3	181.9	170.5	153.8	139.8	131.0
30°	351.5	381.5	401.7	402.9	401.7	381.5	351.5	317.4	272.1	235.7	203.9
27.5°	619.1	665.9	685.8	696.4	685.8	665.9	619.1	550.9	449.0	392.3	306.8
25°	1169.7	1277.0	1334.9	1291.1	1334.9	1277.0	1169.7	999.1	782.0	654.1	522.7
22.5°	2353.6	2558.7	2733.7	2743.4	2733.7	2558.7	2353.6	1948.2	1521.8	1143.0	884.2
20°	5558.2	5511.6	5953.8	5732.3	5953.8	5511.6	5558.2	4396.1	3560.2	2485.0	1840.8
17.5°	15765.7	17509.5	18473.4	17154.6	18473.4	17509.5	15765.7	12188.4	10143.0	6816.1	4384.8
15°	36244.6	40595.0	43538.7	43162.8	43538.7	40595.0	36244.6	29778.3	23290.5	16476.0	10240.2
12.5°	68149.2	75298.3	81391.8	81136.2	81391.8	75298.3	68149.2	59715.1	44657.3	32850.9	21306.5
10°	118047.9	130511.7	142127.2	143337.4	142127.2	130511.7	118047.9	99069.6	77767.8	56445.3	35996.4
7.5°	164020.2	192087.1	208817.4	213109.8	208817.4	192087.1	164020.2	137485.6	108603.5	81171.0	54952.3
5°	221585.4	254088.1	271671.5	272140.8	271671.5	254088.1	221585.4	177356.0	140958.1	106392.4	72556.9
2.5°	264199.7	300811.7	322401.8	339106.5	322401.8	300811.7	264199.7	212625.6	166267.1	124903.6	85177.2
0°	276873.6	308447.1	343677.1	363264.3	343677.1	308447.1	276873.6	219397.4	172017.0	129313.7	88907.7
-2.5°	259891.3	292948.3	310436.8	326369.0	310436.8	292948.3	259891.3	207669.4	165412.4	125382.1	85836.3
-5°	227629.4	262642.1	279445.0	283031.7	279445.0	262642.1	227629.4	188832.6	151234.1	114653.0	77880.6
-7.5°	181125.1	205768.3	222779.4	229450.9	222779.4	205768.3	181125.1	154844.0	125840.3	94575.8	62961.4
-10°	141755.1	157668.1	166180.9	171841.4	166180.9	157668.1	141755.1	121085.8	98859.5	73112.3	46821.1
-12.5°	106879.3	118382.6	125058.9	127965.0	125058.9	118382.6	106879.3	91367.3	72121.6	52325.9	34764.2
-15°	76076.0	85178.4	89699.2	92577.7	89699.2	85178.4	76076.0	62639.5	49335.6	35517.8	23165.1
-17.5°	52122.1	59441.1	63612.8	66325.9	63612.8	59441.1	52122.1	42011.6	32824.3	22995.6	15537.5
-20°	33349.1	37707.0	40917.0	41852.5	40917.0	37707.0	33349.1	27021.5	20945.7	14750.7	10446.9



REPORT NUMBER: P1305603 (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°	19484.8	22050.7	23667.3	24034.1	23667.3	22050.7	19484.8	16014.9	12416.2	9238.7	6869.8
-25°	10594.3	11712.3	12560.4	12847.7	12560.4	11712.3	10594.3	9094.3	7210.2	6188.2	5137.1
-27.5°	6506.0	6938.2	7251.4	7412.8	7251.4	6938.2	6506.0	5981.3	5230.8	4787.0	4284.2
-30°	4893.5	5090.7	5208.3	5287.2	5208.3	5090.7	4893.5	4624.3	4301.4	4023.1	3744.3
-32.5°	4017.7	4106.0	4159.2	4195.6	4159.2	4106.0	4017.7	3893.3	3717.9	3544.9	3395.9
-35°	3578.8	3636.1	3675.5	3694.9	3675.5	3636.1	3578.8	3499.3	3398.8	3292.1	3176.7
-37.5°	3314.4	3350.5	3376.7	3391.8	3376.7	3350.5	3314.4	3265.8	3200.4	3127.0	2988.1
-40°	3134.1	3159.4	3180.4	3203.8	3180.4	3159.4	3134.1	3097.9	3022.0	2920.7	2760.1
-42.5°	2969.7	3007.2	3026.2	3031.1	3026.2	3007.2	2969.7	2910.8	2793.4	2648.0	2451.9
-45°	2703.8	2808.2	2872.4	2893.0	2872.4	2808.2	2703.8	2571.3	2398.2	2200.2	1978.9
-47.5°	2143.8	2300.1	2418.1	2490.1	2418.1	2300.1	2143.8	1966.1	1772.9	1569.5	1362.2
-50°	1385.1	1418.2	1431.2	1423.5	1431.2	1418.2	1385.1	1349.1	1310.4	1269.7	1230.8
-52.5°	1218.4	1231.6	1242.7	1250.8	1242.7	1231.6	1218.4	1201.2	1179.5	1150.6	1117.9
-55°	1090.8	1105.8	1119.9	1131.9	1119.9	1105.8	1090.8	1070.6	1044.7	1011.1	973.5
-57.5°	930.1	945.3	950.9	949.6	950.9	945.3	930.1	911.0	888.2	860.1	827.7
-60°	780.1	790.9	798.9	803.8	798.9	790.9	780.1	766.3	749.5	727.1	701.0
-62.5°	654.2	663.5	674.0	683.0	674.0	663.5	654.2	641.6	625.6	604.1	578.1
-65°	534.3	544.2	552.1	558.3	552.1	544.2	534.3	522.2	508.0	489.9	467.9
-67.5°	446.2	457.9	466.8	473.9	466.8	457.9	446.2	432.9	418.1	399.8	377.1
-70°	358.0	369.7	376.8	381.8	376.8	369.7	358.0	345.0	330.9	313.5	290.8
-72.5°	252.3	260.7	264.8	266.7	264.8	260.7	252.3	242.2	230.5	215.5	194.9
-75°	126.9	131.0	134.8	138.1	134.8	131.0	126.9	122.1	116.5	109.8	100.5
-77.5°	74.1	78.1	80.4	82.5	80.4	78.1	74.1	70.1	66.0	61.6	56.1
-80°	53.0	55.3	57.5	59.5	57.5	55.3	53.0	50.6	48.1	45.4	41.8
-82.5°	36.2	38.3	39.3	40.3	39.3	38.3	36.2	34.1	32.0	29.8	27.5
-85°	28.7	30.6	31.6	32.6	31.6	30.6	28.7	26.6	24.6	22.6	20.1
-87.5°	23.2	25.0	25.9	26.9	25.9	25.0	23.2	21.4	19.6	17.7	15.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.1	15.8	11.5	11.0	10.5	10.1	9.6	9.1	8.7	8.2	7.7
87.5°	2.9	3.3	3.8	4.3	4.8	5.3	5.8	5.8	5.8	5.8	5.8
85°	3.7	3.7	3.8	4.3	4.8	5.3	5.8	5.8	5.8	5.8	5.8
82.5°	3.8	3.8	3.8	4.3	4.8	5.3	5.8	6.0	6.1	6.1	6.1
80°	4.6	4.9	5.1	5.1	5.3	5.5	5.9	6.4	6.8	7.2	7.4
77.5°	4.9	5.4	5.9	6.0	6.1	6.1	6.1	6.4	6.9	7.4	7.7
75°	6.2	6.5	6.9	7.6	7.9	7.7	7.5	7.4	7.4	7.5	7.7
72.5°	10.8	10.7	11.2	12.4	12.9	13.5	13.4	12.4	11.0	9.1	7.7
70°	15.0	16.1	18.3	21.7	24.0	25.0	24.6	22.7	19.6	17.1	13.8
67.5°	16.0	18.1	21.5	25.7	28.9	32.1	35.0	37.4	36.4	32.8	23.7
65°	14.1	16.3	18.9	22.1	26.2	31.3	38.3	42.6	44.9	45.5	37.7
62.5°	10.9	13.0	14.5	16.7	19.8	24.9	33.3	40.9	47.7	49.7	42.3
60°	8.5	9.6	10.6	11.9	13.6	18.4	27.1	36.2	45.8	46.0	42.6
57.5°	7.4	8.1	8.8	9.4	9.6	13.4	20.3	29.5	39.4	39.3	38.1
55°	7.5	8.0	8.6	9.1	9.6	11.1	14.0	20.0	28.2	30.3	30.1
52.5°	7.6	8.2	8.7	9.3	9.7	10.1	11.0	14.4	17.5	20.7	22.2
50°	7.8	8.3	8.9	9.4	9.8	9.7	10.0	11.0	12.7	14.7	16.2
47.5°	9.4	9.4	9.3	9.7	10.4	10.6	10.3	10.1	11.3	11.7	13.1
45°	12.8	12.2	11.1	11.6	11.7	11.8	11.7	12.3	11.9	12.0	11.5
42.5°	27.1	20.2	15.8	17.1	16.1	15.3	14.6	15.8	15.2	13.8	14.8
40°	38.3	42.0	35.7	30.1	27.6	22.7	22.1	21.0	20.2	17.7	20.4
37.5°	47.1	46.1	55.5	57.7	48.8	40.8	34.9	30.4	27.1	27.7	29.3
35°	76.1	73.4	76.4	80.3	78.1	71.4	57.0	45.2	39.4	40.2	40.1
32.5°	122.3	117.5	111.0	110.6	114.7	110.7	93.1	69.8	60.3	56.6	53.3
30°	184.0	174.1	158.8	157.0	165.4	156.3	137.4	121.0	100.1	76.1	68.6
27.5°	285.8	250.8	228.5	236.0	233.8	217.6	203.6	186.9	151.4	114.2	92.3
25°	458.0	390.8	363.8	350.9	326.9	312.7	290.9	261.9	219.7	172.6	151.2
22.5°	703.2	645.9	573.1	497.6	501.2	475.5	405.5	344.9	329.6	329.9	260.8
20°	1278.9	1081.4	889.5	862.6	822.9	700.7	556.9	547.5	600.8	551.9	407.8
17.5°	2970.2	2048.5	1641.9	1538.0	1319.6	1051.1	1003.8	953.9	923.6	827.1	583.5
15°	5730.3	4191.8	3114.1	2542.2	2080.1	1811.0	1675.9	1418.4	1296.7	1133.1	845.2
12.5°	12821.5	7856.3	4781.4	3873.4	3192.8	2699.8	2418.1	2029.9	1720.6	1523.2	1236.6
10°	21573.2	13215.6	7962.4	5631.2	4482.5	3673.3	3106.9	2590.7	2167.5	1939.0	1639.5
7.5°	33701.6	19995.2	11561.3	7383.1	5662.5	4479.2	3668.7	3077.1	2598.8	2344.3	2045.7
5°	43464.1	25233.0	13919.6	8769.2	6687.3	5262.1	4236.1	3516.3	3014.3	2737.9	2444.2
2.5°	49353.4	28067.9	15505.5	10010.6	7578.2	5928.3	4728.0	3848.1	3310.1	2967.3	2647.0
0°	52800.9	30274.7	17068.3	10597.4	8067.0	6313.6	5091.5	4090.1	3543.3	3153.9	2822.0
-2.5°	50647.6	29876.6	16525.2	10246.6	7735.5	6146.1	5040.9	4164.9	3629.8	3218.1	2829.7
-5°	45450.4	25921.7	14650.1	9443.6	7195.9	5771.7	4810.6	4090.6	3608.8	3228.8	2801.1
-7.5°	37592.8	21363.4	12487.8	8470.4	6539.4	5291.1	4459.6	3844.1	3391.0	3060.0	2627.5
-10°	27856.1	16379.4	10177.6	7311.8	5786.1	4774.3	4097.0	3563.9	3169.2	2884.2	2427.2
-12.5°	20927.6	12261.9	7808.7	6042.4	4980.1	4260.5	3756.2	3268.8	2949.4	2706.0	2205.4
-15°	13944.2	9239.8	6598.4	5184.7	4327.9	3811.2	3438.2	3021.5	2784.1	2536.3	1966.0
-17.5°	10265.6	6970.1	5336.7	4460.7	3857.5	3454.3	3146.8	2844.9	2615.7	2321.7	1711.7
-20°	7174.2	5551.8	4590.3	3917.7	3465.8	3164.1	2885.6	2659.2	2429.0	2020.0	1454.0



REPORT NUMBER: P1305603 (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°	5529.0	4722.5	4040.7	3480.0	3134.2	2899.8	2681.1	2474.8	2226.0	1701.7	1201.8
-25°	4599.4	4110.3	3655.6	3271.5	2899.4	2656.2	2494.2	2299.1	1920.0	1401.0	987.9
-27.5°	3952.1	3639.3	3426.9	3076.5	2740.8	2487.4	2316.5	2101.0	1619.2	1172.4	945.9
-30°	3504.0	3341.2	3141.2	2846.1	2562.9	2347.7	2168.3	1778.0	1352.8	995.1	923.4
-32.5°	3217.4	3073.3	2862.8	2597.2	2381.2	2232.1	1889.7	1471.4	1086.2	969.9	892.1
-35°	3033.3	2828.4	2594.4	2410.7	2271.0	1962.6	1585.0	1186.0	1010.3	938.0	855.5
-37.5°	2795.2	2578.0	2421.2	2253.1	1969.6	1632.9	1240.2	1061.3	981.9	896.1	807.4
-40°	2571.1	2401.8	2156.3	1903.2	1578.1	1222.4	1109.0	1039.9	944.3	845.3	751.8
-42.5°	2231.3	2007.3	1744.3	1437.2	1190.8	1144.8	1086.6	992.3	892.7	788.0	693.9
-45°	1735.3	1485.2	1252.7	1205.4	1159.8	1095.2	1025.9	925.0	820.6	724.1	633.2
-47.5°	1284.6	1237.7	1197.2	1145.8	1079.7	1010.7	927.9	836.9	743.3	655.3	583.5
-50°	1192.3	1147.1	1098.2	1042.3	971.3	896.4	821.5	746.1	666.3	597.2	528.8
-52.5°	1079.6	1027.6	971.6	912.2	849.8	783.2	716.2	661.0	599.4	533.1	467.8
-55°	932.1	886.9	837.4	784.6	731.7	683.1	633.4	581.0	524.6	463.1	404.6
-57.5°	791.0	752.6	715.3	676.8	637.2	590.7	541.9	493.2	444.8	390.5	340.0
-60°	672.0	640.6	605.5	568.4	529.4	488.0	446.3	403.7	360.4	324.8	288.0
-62.5°	548.9	516.5	487.9	458.1	424.2	387.0	354.1	326.4	297.9	267.0	231.1
-65°	442.8	414.6	386.8	361.0	334.7	308.0	284.3	258.4	230.9	202.6	171.1
-67.5°	352.3	325.3	301.8	280.0	256.4	230.5	207.2	184.2	163.8	143.4	118.4
-70°	267.1	242.4	220.1	198.7	176.7	156.2	139.7	123.6	106.3	90.5	73.8
-72.5°	174.2	153.5	135.1	120.0	105.6	94.6	83.8	72.5	60.5	47.9	38.5
-75°	90.7	80.2	70.3	62.7	54.4	45.4	41.0	38.9	36.5	33.9	30.9
-77.5°	50.8	45.6	41.3	39.4	37.4	35.3	33.2	31.0	28.9	26.9	24.9
-80°	38.2	34.6	31.3	29.7	28.2	26.8	25.5	24.0	22.5	21.1	20.0
-82.5°	25.1	22.7	20.3	19.7	19.1	18.5	17.8	17.2	16.6	16.3	15.9
-85°	17.6	15.1	12.7	12.5	12.4	12.2	12.0	12.1	12.1	12.1	11.9
-87.5°	13.8	11.8	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.2	9.0
-90°	2.9	3.3	3.8	4.3	4.8	5.3	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P1305603 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	6.1	6.4	6.7	6.9	7.0	7.2	7.4	7.7	7.7	7.7	7.7
85°	6.3	6.8	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	6.4	6.8	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.3	7.3	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.9	8.2	8.2	8.0	7.7	7.7	7.7	7.7
70°	10.5	8.2	7.7	7.8	8.3	8.9	8.8	8.3	7.7	7.7	7.7
67.5°	15.5	11.8	9.3	7.9	7.9	8.5	9.3	9.1	8.4	7.7	7.7
65°	27.1	18.1	11.3	9.4	8.2	7.9	8.6	9.4	9.1	8.3	7.7
62.5°	34.9	26.7	18.2	12.0	9.0	8.0	7.9	8.9	9.5	8.9	8.1
60°	38.4	30.7	24.5	18.0	11.8	8.2	7.8	8.4	9.2	9.5	8.6
57.5°	35.1	32.7	27.9	22.8	16.6	10.4	7.9	8.4	9.0	9.5	9.1
55°	29.7	28.8	29.4	25.5	20.4	14.3	9.2	8.5	8.9	9.4	9.6
52.5°	22.1	25.3	28.0	27.1	22.5	17.6	12.2	8.6	9.0	9.4	9.6
50°	16.3	21.0	26.3	27.5	24.4	19.5	14.7	10.4	9.1	9.5	9.7
47.5°	15.0	19.0	23.3	27.7	26.0	21.3	16.5	12.0	9.2	9.6	9.9
45°	15.5	18.8	22.0	25.9	27.7	22.7	18.1	13.2	10.2	9.8	10.0
42.5°	17.1	20.1	22.4	24.7	26.5	23.7	19.6	14.5	10.8	10.0	10.2
40°	22.2	22.6	23.8	26.0	25.6	24.4	20.2	15.7	11.2	10.5	10.5
37.5°	28.9	27.8	27.0	29.8	26.7	24.3	20.5	16.8	12.4	11.3	10.8
35°	38.6	35.3	33.6	35.9	32.2	25.0	20.5	17.5	14.4	12.1	11.1
32.5°	49.7	47.5	45.5	43.0	39.8	26.3	21.0	19.2	16.5	13.0	11.5
30°	66.8	69.4	60.0	51.0	48.4	33.4	23.7	21.3	18.6	13.9	12.0
27.5°	104.4	98.2	78.5	63.8	56.0	43.0	29.5	23.8	20.8	15.2	12.8
25°	153.0	136.5	106.8	79.5	64.2	69.7	36.4	26.7	23.0	17.0	13.5
22.5°	211.6	183.3	139.8	96.7	101.3	104.5	51.2	32.2	25.2	18.7	14.3
20°	277.7	237.2	188.6	160.8	148.0	137.8	76.8	38.3	27.6	20.5	15.0
17.5°	360.8	337.8	306.3	244.6	201.3	174.4	106.8	44.8	30.2	22.2	15.8
15°	590.8	492.6	436.8	338.3	258.2	213.9	140.2	51.6	32.9	23.9	16.6
12.5°	868.3	650.4	576.7	439.6	317.8	255.5	175.8	58.6	35.6	25.7	17.7
10°	1165.4	810.1	723.0	546.0	379.2	298.4	212.5	67.1	40.1	27.7	18.8
7.5°	1472.2	970.5	872.4	654.4	440.1	341.1	252.9	79.0	45.1	29.6	19.9
5°	1748.9	1105.8	992.3	746.7	494.7	382.1	292.3	90.9	50.1	31.4	21.0
2.5°	1882.2	1200.5	1087.3	831.7	547.2	421.3	328.6	102.4	54.9	33.0	22.0
0°	1987.5	1291.1	1174.1	909.3	596.6	458.5	360.7	113.2	59.5	34.5	23.0
-2.5°	1997.7	1288.8	1162.5	908.2	614.2	473.2	367.5	129.6	73.1	43.8	27.5
-5°	1977.1	1281.4	1143.2	899.1	627.8	485.1	369.2	144.8	86.1	52.7	31.7
-7.5°	1860.5	1238.8	1105.6	881.3	637.1	493.5	366.7	158.7	98.2	61.0	35.5
-10°	1701.0	1174.2	1045.6	841.2	626.7	492.3	360.0	171.1	109.3	68.4	38.9
-12.5°	1515.1	1108.2	985.0	798.2	610.1	483.1	348.5	182.4	119.2	74.8	41.8
-15°	1304.1	1041.9	925.7	753.8	590.6	472.2	335.7	192.2	128.2	80.7	44.0
-17.5°	1076.3	976.1	869.7	709.4	568.4	459.9	322.2	200.0	136.0	86.2	46.5
-20°	1007.3	925.1	816.9	666.2	543.8	446.4	309.0	205.8	142.4	90.3	48.8



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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°	967.9	884.4	770.4	632.7	520.4	432.0	296.8	209.5	147.3	93.0	50.1
-25°	929.4	843.4	725.9	603.4	501.4	411.3	292.3	210.9	150.7	94.0	50.2
-27.5°	885.6	799.7	681.5	571.8	483.1	393.9	292.4	213.8	152.2	93.3	49.1
-30°	840.2	749.5	642.5	541.2	463.0	373.0	289.8	214.9	151.1	91.7	46.6
-32.5°	803.0	701.0	603.4	517.2	438.8	351.0	278.8	213.9	147.7	88.8	44.8
-35°	758.1	657.7	563.7	491.5	412.4	332.8	264.0	210.8	141.9	84.0	42.6
-37.5°	709.7	614.7	534.1	463.1	385.1	312.2	250.5	196.7	133.7	77.3	39.2
-40°	659.6	573.7	503.3	432.5	359.1	289.2	235.2	179.3	124.0	68.7	34.7
-42.5°	607.2	536.8	467.8	400.6	331.5	270.2	217.5	160.1	108.9	61.1	29.0
-45°	563.3	495.4	428.3	364.7	302.4	249.1	194.2	139.4	92.1	53.3	24.8
-47.5°	514.9	448.8	386.3	326.5	276.5	224.7	168.9	119.1	74.1	44.0	23.6
-50°	460.6	400.0	342.3	292.1	247.0	194.4	142.5	97.4	61.2	32.6	22.1
-52.5°	406.0	349.7	301.5	258.2	211.3	162.1	116.7	75.3	47.6	27.4	20.4
-55°	349.2	303.7	262.7	218.9	173.2	130.7	89.5	59.4	33.5	24.9	18.6
-57.5°	299.9	260.2	218.7	176.3	136.4	98.6	67.5	42.9	28.0	22.2	17.5
-60°	250.5	210.6	171.4	135.2	100.1	71.1	48.5	30.3	25.0	19.8	16.2
-62.5°	195.0	159.7	126.6	94.5	69.9	49.4	31.8	26.9	21.8	18.2	14.8
-65°	142.3	112.3	82.5	64.2	45.8	31.9	27.9	23.3	19.7	16.5	13.5
-67.5°	92.1	72.7	54.2	37.7	31.2	27.5	23.8	20.8	17.8	14.8	12.5
-70°	56.9	40.6	33.1	29.6	26.4	23.3	21.1	18.6	15.9	13.7	11.5
-72.5°	34.7	31.0	27.5	24.5	22.6	20.6	18.7	16.6	14.6	12.6	10.5
-75°	27.7	25.4	23.3	21.4	19.7	18.0	16.5	15.1	13.2	11.4	10.2
-77.5°	23.1	21.3	19.7	18.2	16.9	15.7	14.7	13.6	12.0	10.8	10.0
-80°	18.8	17.5	16.3	15.0	14.1	13.4	12.8	12.1	11.0	10.2	9.8
-82.5°	14.9	14.0	13.1	12.3	11.9	11.5	11.1	10.6	10.0	9.6	9.4
-85°	11.4	10.9	10.5	10.2	9.9	9.6	9.5	9.3	9.2	9.0	8.8
-87.5°	9.0	8.9	8.9	8.8	8.7	8.6	8.6	8.5	8.4	8.3	8.3
-90°	5.8	5.8	5.8	5.8	6.3	6.8	7.2	7.7	7.7	7.7	7.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
67.5°	7.8	7.7	7.7	7.7	7.7	7.7	7.7
65°	7.8	7.8	7.7	7.7	7.7	7.7	7.7
62.5°	7.9	7.9	7.7	7.7	7.7	7.7	7.7
60°	8.1	8.1	7.7	7.7	7.7	7.7	7.7
57.5°	8.4	8.3	7.9	7.7	7.7	7.7	7.7
55°	8.8	8.5	8.1	7.7	7.8	7.7	7.7
52.5°	9.1	8.7	8.3	7.7	7.8	7.7	7.7
50°	9.4	8.9	8.5	7.7	7.8	7.7	7.7
47.5°	9.6	9.1	8.7	7.7	7.9	7.7	7.7
45°	9.8	9.2	8.9	7.9	7.9	7.7	7.7
42.5°	10.0	9.4	9.2	8.1	8.0	7.7	7.7
40°	10.2	9.5	9.3	8.3	8.1	7.7	7.7
37.5°	10.4	9.6	9.4	8.5	8.1	7.7	7.7
35°	10.7	9.7	9.5	8.7	8.2	7.7	7.7
32.5°	10.9	9.9	9.6	8.9	8.3	7.7	7.7
30°	11.3	10.1	9.6	9.0	8.4	7.7	7.7
27.5°	11.6	10.3	9.6	9.1	8.5	7.7	7.7
25°	11.9	10.6	9.6	9.3	8.6	7.7	7.7
22.5°	12.3	10.8	9.6	9.3	8.7	7.7	7.7
20°	12.6	10.9	9.6	9.4	8.8	7.7	7.7
17.5°	12.9	11.1	9.6	9.5	8.9	7.7	7.7
15°	13.0	11.2	9.6	9.5	9.0	7.7	7.7
12.5°	13.1	11.3	9.6	9.6	9.1	7.7	7.7
10°	13.2	11.4	9.6	9.6	9.2	7.7	7.7
7.5°	13.3	11.4	9.6	9.6	9.3	7.7	7.7
5°	13.4	11.5	9.6	9.6	9.4	7.7	7.7
2.5°	13.4	11.5	9.6	9.6	9.5	7.7	7.7
0°	13.4	11.5	9.6	9.6	9.6	7.7	7.7
-2.5°	15.2	11.9	9.8	9.6	9.6	7.7	7.7
-5°	16.9	12.3	9.9	9.6	9.6	7.7	7.7
-7.5°	18.5	12.6	10.1	9.6	9.6	7.7	7.7
-10°	19.9	13.0	10.2	9.6	9.5	7.7	7.7
-12.5°	21.1	13.2	10.4	9.6	9.5	7.7	7.7
-15°	22.1	13.5	10.5	9.6	9.5	7.7	7.7
-17.5°	22.8	13.6	10.5	9.6	9.4	7.7	7.7
-20°	23.4	13.7	10.6	9.6	9.4	7.7	7.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.1	13.7	10.6	9.6	9.3	7.7	7.7
-25°	24.2	13.9	10.6	9.6	9.2	7.7	7.7
-27.5°	23.7	14.0	10.6	9.6	9.2	7.7	7.7
-30°	22.5	14.0	10.5	9.6	9.1	7.7	7.7
-32.5°	20.6	13.9	10.5	9.6	9.0	7.7	7.7
-35°	19.7	13.7	10.5	9.6	8.9	7.7	7.7
-37.5°	19.4	13.4	10.4	9.6	8.8	7.7	7.7
-40°	18.9	13.3	10.3	9.6	8.7	7.7	7.7
-42.5°	18.3	13.1	10.2	9.6	8.6	7.7	7.7
-45°	17.5	12.9	10.3	9.6	8.5	7.7	7.7
-47.5°	16.5	12.5	10.2	9.6	8.4	7.7	7.7
-50°	15.8	12.1	10.2	9.5	8.2	7.7	7.7
-52.5°	15.2	11.6	10.1	9.3	8.1	7.7	7.7
-55°	14.4	11.3	10.0	9.1	8.0	7.7	7.7
-57.5°	13.5	11.0	9.8	9.0	7.8	7.7	7.7
-60°	12.6	10.7	9.6	8.8	7.7	7.7	7.7
-62.5°	12.0	10.3	9.4	8.6	7.7	7.7	7.7
-65°	11.3	9.8	9.2	8.5	7.7	7.7	7.7
-67.5°	10.5	9.5	9.1	8.3	7.7	7.7	7.7
-70°	9.7	9.4	8.9	8.1	7.7	7.7	7.7
-72.5°	9.6	9.3	8.8	8.1	7.7	7.7	7.7
-75°	9.6	9.2	8.6	8.0	7.7	7.7	7.7
-77.5°	9.6	9.1	8.5	8.0	7.7	7.7	7.7
-80°	9.6	8.9	8.3	7.9	7.7	7.7	7.7
-82.5°	9.2	8.6	8.2	7.9	7.7	7.7	7.7
-85°	8.7	8.3	8.0	7.8	7.7	7.7	7.7
-87.5°	8.2	8.0	7.9	7.8	7.7	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)