

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: P1305713 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

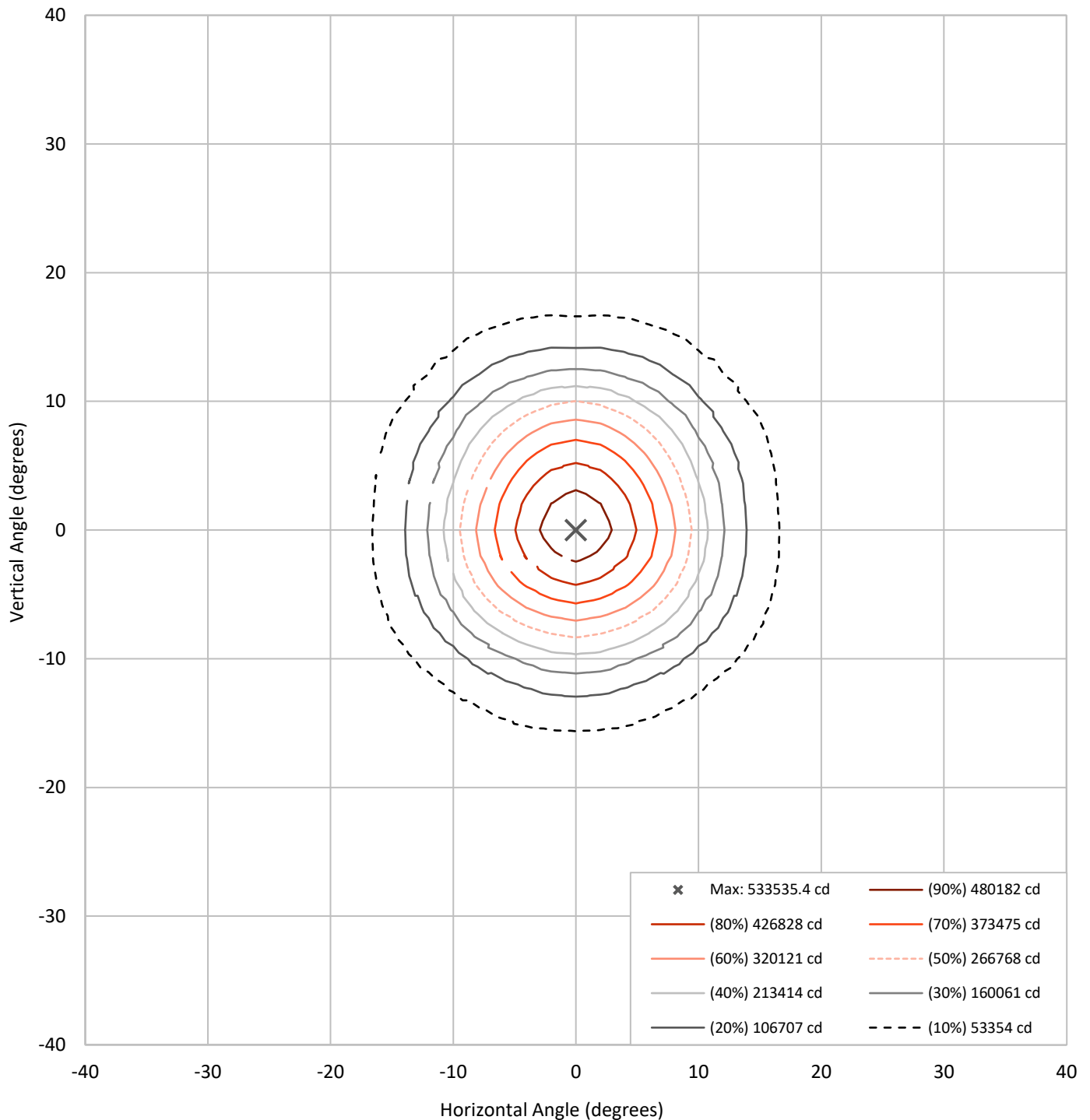
Test Method: LM-79-08
Report Number: P1305713 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	64265.2 lumens	Max Intensity:	533535.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	29984.2 lumens	Field Lumens:	54459.6 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	677		
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





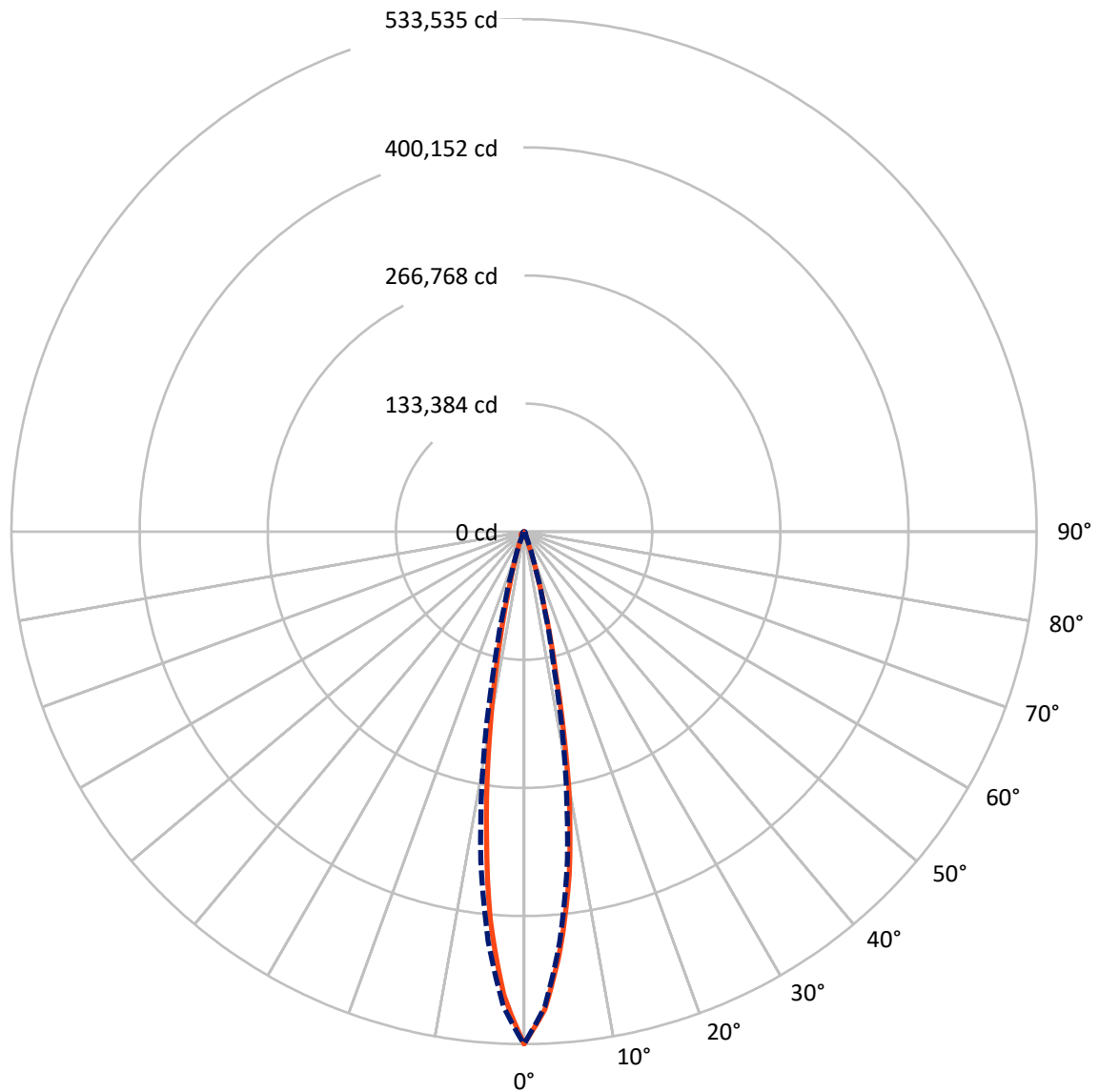
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Lumen Table

90	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2		0.1			
80	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2		0.1			
70	0.1	0.1	0.1	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.1	0.1	0.1			
60		0.1	0.3	0.5	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.5	0.7	1.1	0.8	0.8	1.1	0.7	0.5	0.4	0.4	0.2	0.2			
40		0.2	0.8	1.8	3.6	5.1	7.3	9.0	9.0	7.3	5.1	3.6	1.8	0.8	0.2				
30	0.2	0.4	3.5	11.1	26.2	35.7	57.0	101.8	101.8	57.0	35.7	26.2	11.1	3.5	0.4	0.2			
20		1.1	7.5	32.1	64.6	85.5	625.1	2518.8	2518.8	625.1	85.5	64.6	32.1	7.5	1.1				
10	0.3	1.7	9.6	43.2	71.8	157.0	2341.7	10112.7	10112.7	2341.7	157.0	71.8	43.2	9.6	1.7	0.3			
0		2.2	10.1	42.5	71.7	152.5	2240.2	9368.0	9368.0	2240.2	152.5	71.7	42.5	10.1	2.2				
-10	0.5	2.5	9.7	34.0	66.1	83.5	498.9	1870.4	1870.4	498.9	83.5	66.1	34.0	9.7	2.5	0.5			
-20		2.6	9.5	23.6	65.5	82.1	93.0	160.5	160.5	93.0	82.1	65.5	23.6	9.5	2.6				
-30	0.4	2.3	8.6	16.6	46.5	96.3	112.7	116.2	116.2	112.7	96.3	46.5	16.6	8.6	2.3	0.4			
-40		1.6	6.6	14.7	24.6	44.3	80.3	109.0	109.0	80.3	44.3	24.6	14.7	6.6	1.6				
-50	0.3	0.8	3.8	9.9	18.8	27.4	34.5	38.8	38.8	34.5	27.4	18.8	9.9	3.8	0.8	0.3			
-60		0.4	1.3	3.9	8.1	13.2	18.3	21.3	21.3	18.3	13.2	8.1	3.9	1.3	0.4				
-70	0.2	1.0		2.9		6.7		9.1		6.7		2.9		1.0		0.2			
-80		1.0		2.9		6.7		9.1		6.7		2.9		1.0					
-90	0.2	1.0		2.9		6.7		9.1		6.7		2.9		1.0		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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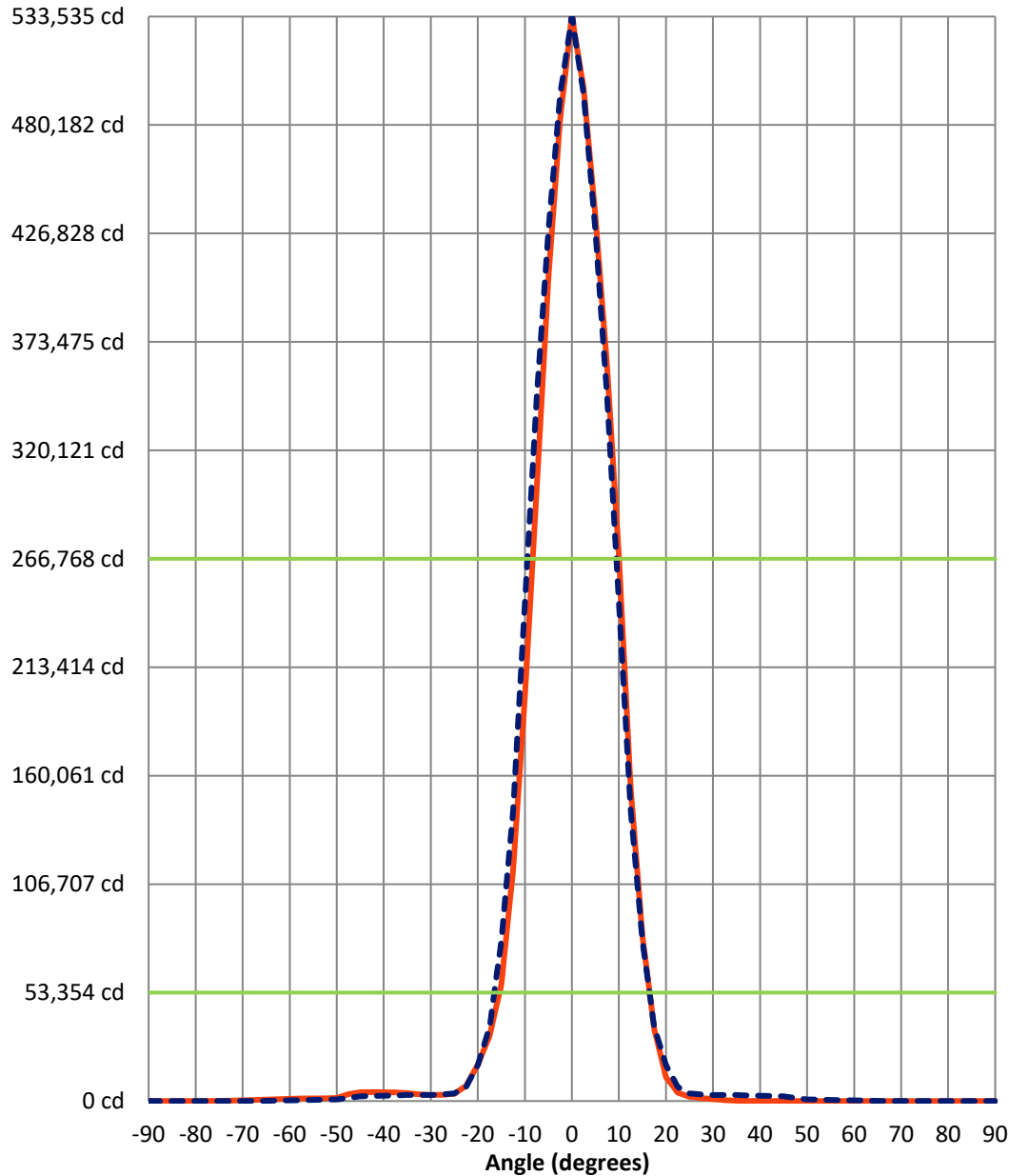
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 29984.2
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 54459.6
 Efficiency: 84.7%

Spill:
 Lumens: 9805.6
 Efficiency: 15.3%

— 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°	3.9	3.9	3.9	4.5	5.2	5.8	6.4	7.1	7.7	8.4	9.0
87.5°	3.9	3.9	3.9	3.6	3.4	3.1	2.9	2.9	2.8	2.7	2.6
85°	3.9	4.0	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.6
82.5°	3.9	4.0	3.9	3.7	3.6	3.6	3.6	3.5	3.3	3.1	3.0
80°	3.9	4.0	3.9	3.8	3.7	3.8	3.9	3.8	3.7	3.6	3.5
77.5°	3.9	4.0	3.9	3.8	3.8	4.0	4.2	4.2	4.2	4.1	4.0
75°	3.9	4.1	3.9	3.8	3.9	4.2	4.5	4.6	4.6	4.3	4.0
72.5°	3.9	4.1	3.9	3.9	4.1	4.5	4.8	4.9	4.6	4.3	4.0
70°	3.9	4.1	3.9	3.9	4.3	4.7	5.1	4.9	4.6	4.4	4.5
67.5°	3.9	4.1	4.0	4.1	4.5	5.0	5.1	5.0	4.7	4.8	5.0
65°	3.9	4.2	4.0	4.2	4.7	5.1	5.2	5.0	5.1	5.3	5.4
62.5°	3.9	4.2	4.0	4.4	4.9	5.2	5.3	5.3	5.6	5.8	5.6
60°	3.9	4.2	4.1	4.5	5.1	5.4	5.3	5.7	6.0	6.1	5.8
57.5°	3.9	4.3	4.2	4.6	5.2	5.5	5.7	6.0	6.4	6.4	6.3
55°	3.9	4.3	4.3	4.8	5.4	5.6	6.0	6.4	6.8	6.8	7.0
52.5°	3.9	4.3	4.4	4.9	5.5	5.8	6.3	6.8	7.2	7.4	7.6
50°	3.9	4.4	4.5	5.0	5.6	6.1	6.6	7.3	7.7	7.9	8.8
47.5°	3.9	4.4	4.6	5.1	5.8	6.3	6.9	7.7	8.1	8.5	9.9
45°	3.9	4.4	4.8	5.2	5.9	6.6	7.4	8.2	8.6	9.4	11.0
42.5°	3.9	4.5	4.9	5.4	6.1	6.8	7.8	8.6	9.1	10.3	13.0
40°	3.9	4.5	5.0	5.5	6.3	7.1	8.2	9.0	9.7	11.2	15.1
37.5°	3.9	4.6	5.1	5.7	6.5	7.3	8.7	9.5	10.5	12.4	16.9
35°	3.9	4.6	5.2	5.9	6.7	7.6	9.1	9.8	11.4	14.2	18.4
32.5°	3.9	4.6	5.3	6.0	6.8	8.0	9.5	10.2	12.2	15.9	20.0
30°	3.9	4.7	5.4	6.2	7.0	8.3	9.9	10.7	13.0	17.6	21.9
27.5°	3.9	4.7	5.5	6.4	7.2	8.7	10.2	11.4	14.1	19.2	24.0
25°	3.9	4.8	5.6	6.5	7.4	9.0	10.5	12.1	15.4	20.9	26.5
22.5°	3.9	4.8	5.7	6.7	7.6	9.3	10.8	12.7	16.7	22.7	30.1
20°	3.9	4.8	5.8	6.8	7.8	9.6	11.1	13.4	17.8	24.7	34.1
17.5°	3.9	4.9	5.9	6.9	8.0	9.8	11.3	14.0	18.9	26.7	38.3
15°	3.9	4.9	6.0	7.1	8.1	9.9	11.5	14.6	19.9	28.7	42.7
12.5°	3.9	4.9	6.1	7.2	8.3	10.1	11.8	15.0	20.8	30.8	47.1
10°	3.9	5.0	6.1	7.3	8.5	10.2	12.0	15.5	21.8	32.7	51.5
7.5°	3.9	5.0	6.2	7.4	8.6	10.2	12.3	15.9	22.6	34.4	55.8
5°	3.9	5.0	6.3	7.5	8.8	10.3	12.5	16.2	23.3	36.0	59.9
2.5°	3.9	5.1	6.3	7.6	8.9	10.3	12.7	16.5	24.0	37.4	63.6
0°	3.9	5.1	6.4	7.7	9.0	10.3	12.9	16.7	24.5	38.6	66.9
-2.5°	3.9	5.1	6.5	7.8	9.2	10.9	14.1	19.9	31.4	51.0	86.1
-5°	3.9	5.2	6.5	7.9	9.4	11.4	15.2	23.0	38.1	62.8	104.3
-7.5°	3.9	5.2	6.5	7.9	9.6	11.9	16.3	25.8	44.2	73.8	121.1
-10°	3.9	5.2	6.6	8.0	9.8	12.4	17.3	28.4	49.8	83.8	136.3
-12.5°	3.9	5.2	6.6	8.0	10.0	12.8	18.1	30.6	54.5	92.5	149.1
-15°	3.9	5.2	6.6	8.1	10.1	13.1	18.9	32.3	59.1	100.3	159.5
-17.5°	3.9	5.2	6.7	8.1	10.2	13.4	19.4	34.3	63.5	106.7	167.5
-20°	3.9	5.2	6.7	8.1	10.3	13.7	20.1	36.3	66.8	111.5	173.0



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 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.9	5.2	6.7	8.2	10.3	13.8	20.7	37.4	68.7	114.6	175.8
-25°	3.9	5.2	6.7	8.2	10.3	13.9	21.1	37.6	69.4	115.9	175.7
-27.5°	3.9	5.2	6.7	8.2	10.3	14.0	21.0	36.9	68.5	115.8	176.5
-30°	3.9	5.2	6.7	8.2	10.2	14.0	20.5	35.2	67.3	114.7	175.1
-32.5°	3.9	5.2	6.7	8.1	10.2	13.9	19.7	34.3	65.3	111.5	171.1
-35°	3.9	5.2	6.7	8.1	10.2	13.7	19.2	33.2	61.8	106.3	164.6
-37.5°	3.9	5.2	6.7	8.1	10.1	13.5	18.9	31.5	56.8	98.9	154.1
-40°	3.9	5.1	6.6	8.0	9.9	13.4	18.5	29.1	50.3	91.3	141.9
-42.5°	3.9	5.1	6.6	8.0	9.8	13.2	18.0	26.0	45.4	81.3	127.5
-45°	3.9	5.1	6.6	8.0	9.8	12.9	17.3	23.6	41.1	69.7	111.4
-47.5°	3.9	5.0	6.5	7.9	9.8	12.6	16.5	22.6	35.9	56.9	96.6
-50°	3.9	5.0	6.5	7.9	9.7	12.2	16.0	21.5	29.7	49.7	80.2
-52.5°	3.9	4.9	6.4	7.8	9.6	11.7	15.4	20.2	26.6	41.7	63.2
-55°	3.9	4.9	6.4	7.7	9.4	11.5	14.7	18.8	24.8	33.0	53.0
-57.5°	3.9	4.8	6.3	7.6	9.3	11.2	13.9	17.8	22.8	29.1	42.0
-60°	3.9	4.8	6.2	7.4	9.1	11.0	13.1	16.8	20.9	26.6	33.1
-62.5°	3.9	4.7	6.1	7.3	8.8	10.7	12.7	15.7	19.7	23.9	29.9
-65°	3.9	4.7	5.9	7.1	8.5	10.4	12.3	14.7	18.4	22.2	26.5
-67.5°	3.9	4.6	5.7	6.9	8.2	10.0	11.8	14.1	17.0	20.7	24.3
-70°	3.9	4.5	5.6	6.7	7.9	9.4	11.3	13.4	16.1	19.1	22.5
-72.5°	3.9	4.4	5.4	6.5	7.5	8.8	10.5	12.7	15.0	17.7	20.7
-75°	3.9	4.4	5.2	6.2	7.1	8.2	9.7	11.8	13.9	16.3	18.9
-77.5°	3.9	4.3	5.0	5.9	6.8	7.6	8.7	10.7	12.8	14.8	16.9
-80°	3.9	4.2	4.8	5.6	6.4	7.1	7.8	9.6	11.5	13.4	15.3
-82.5°	3.9	4.1	4.5	5.4	6.1	6.8	7.4	8.7	10.3	12.1	13.8
-85°	3.9	4.1	4.3	5.1	5.8	6.5	7.1	8.2	9.4	10.8	12.3
-87.5°	3.9	4.0	4.1	4.8	5.5	6.1	6.7	7.6	8.6	9.6	10.6
-90°	3.9	3.9	3.9	3.6	3.3	2.9	2.6	2.6	2.6	2.6	2.6



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 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.0	9.0	9.0	9.0	9.3	9.7	10.0	10.3	10.6	11.0	11.3
87.5°	2.4	2.3	2.2	2.0	1.9	1.7	1.5	1.3	1.3	1.3	1.3
85°	2.6	2.6	2.6	2.6	2.4	2.1	2.0	1.8	1.8	1.7	1.5
82.5°	3.0	2.9	2.8	2.6	2.5	2.6	2.6	2.6	2.4	2.2	2.0
80°	3.5	3.3	3.1	3.0	3.0	3.0	2.9	2.6	2.6	2.7	2.8
77.5°	3.7	3.6	3.6	3.7	3.7	3.4	3.3	3.3	3.5	3.7	3.8
75°	3.8	3.9	4.0	3.9	3.8	3.8	3.9	4.2	4.3	4.3	4.2
72.5°	4.1	4.2	4.2	4.0	4.2	4.4	4.7	5.0	5.6	6.4	7.0
70°	4.6	4.6	4.6	4.6	4.9	5.4	6.5	7.9	9.4	11.0	13.4
67.5°	5.0	4.9	4.9	5.3	6.1	7.4	9.0	14.2	20.1	22.7	23.4
65°	5.1	5.1	5.6	6.5	7.6	11.6	17.3	24.3	30.9	31.7	30.6
62.5°	5.2	5.6	6.5	8.3	12.2	17.6	23.8	30.5	37.9	38.2	33.5
60°	5.7	6.3	8.3	11.9	16.4	21.4	28.1	33.4	39.6	42.5	32.4
57.5°	6.4	7.6	10.8	15.1	19.7	23.4	26.9	32.5	35.8	36.4	26.8
55°	7.4	9.1	13.3	18.3	21.6	20.7	23.7	26.7	28.0	26.1	18.6
52.5°	9.0	11.0	16.2	20.5	21.2	19.4	19.4	20.9	19.5	16.7	14.6
50°	10.4	14.2	19.0	21.7	21.1	18.5	15.7	15.4	14.8	13.9	12.6
47.5°	12.8	17.2	21.3	23.0	20.3	17.6	14.2	13.8	13.8	13.2	12.1
45°	15.3	19.6	23.9	22.3	19.8	17.2	15.8	14.2	14.2	14.3	15.1
42.5°	17.7	21.6	23.7	21.7	20.0	19.3	19.0	16.9	16.8	20.3	21.6
40°	19.4	23.3	23.7	23.4	21.6	23.3	23.9	24.0	25.1	28.9	30.7
37.5°	20.7	23.9	25.4	27.8	26.1	28.9	30.2	44.3	46.0	38.9	53.4
35°	21.8	25.1	31.5	38.5	40.8	36.2	54.7	74.0	80.7	76.3	92.7
32.5°	23.0	26.8	39.9	56.6	71.9	68.1	86.0	119.4	140.7	151.6	164.6
30°	25.4	34.5	52.9	79.6	119.2	143.0	144.3	179.7	219.0	288.7	351.5
27.5°	29.3	44.8	75.1	123.4	184.4	233.9	243.1	266.0	355.8	487.6	653.6
25°	33.9	69.6	100.4	182.9	272.7	328.4	344.6	383.6	539.4	841.8	1005.7
22.5°	46.5	102.7	143.5	252.2	371.7	419.8	453.7	595.2	876.6	1276.2	1399.4
20°	70.3	141.1	196.9	311.7	471.7	510.1	561.0	864.6	1315.6	1648.5	1815.8
17.5°	98.5	179.7	250.4	370.4	511.3	582.4	690.0	1173.0	1769.1	2008.2	2182.3
15°	129.9	218.5	296.7	422.2	546.2	630.4	892.2	1531.6	2152.7	2350.6	2520.9
12.5°	163.5	256.9	336.6	467.1	580.8	675.0	1076.2	1783.7	2337.2	2616.9	2836.4
10°	198.1	294.6	370.8	505.6	614.3	716.1	1248.6	1999.7	2430.4	2662.1	2904.2
7.5°	219.6	318.7	397.0	538.0	646.3	753.4	1404.7	2179.5	2494.6	2676.1	2855.6
5°	235.7	326.9	403.7	552.5	670.3	780.9	1522.3	2322.5	2535.4	2665.4	2770.7
2.5°	247.9	332.6	408.2	560.4	688.2	794.8	1533.4	2345.0	2522.9	2645.1	2717.7
0°	256.1	335.9	410.5	563.6	702.6	804.3	1510.8	2333.1	2495.2	2621.3	2706.3
-2.5°	265.1	345.7	429.0	573.6	703.9	804.6	1489.2	2310.0	2522.7	2692.0	2833.1
-5°	270.5	353.5	444.8	579.7	701.5	801.4	1440.7	2250.7	2519.3	2697.6	2870.5
-7.5°	273.0	359.5	457.0	581.5	691.5	786.0	1358.3	2109.2	2413.3	2580.1	2794.1
-10°	274.0	367.3	462.8	572.4	672.0	761.9	1248.6	1945.8	2303.8	2456.4	2681.4
-12.5°	276.6	376.5	466.4	563.4	652.1	735.3	1114.4	1766.7	2193.5	2327.8	2556.8
-15°	276.6	383.9	469.0	555.6	632.8	706.5	956.9	1577.4	2133.2	2351.3	2539.6
-17.5°	274.3	389.6	470.9	550.1	615.0	675.6	782.7	1408.4	2095.2	2402.1	2587.8
-20°	269.9	393.5	472.6	547.9	600.1	661.2	746.4	1220.0	1901.9	2425.1	2651.9



REPORT NUMBER: P1305713 (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°	263.6	395.8	474.1	546.1	604.9	662.7	734.4	1006.5	1633.4	2422.2	2653.8
-25°	260.6	384.7	473.8	545.8	612.2	665.6	720.3	803.3	1344.8	2077.5	2583.5
-27.5°	259.4	371.9	465.7	540.5	618.8	670.3	717.7	785.0	1068.7	1664.8	2439.3
-30°	254.4	351.0	453.9	529.8	612.2	675.8	722.4	765.0	843.2	1309.1	1953.8
-32.5°	242.7	329.0	431.5	514.0	596.6	680.9	724.1	760.8	818.4	956.2	1479.9
-35°	229.0	311.6	404.9	494.0	574.7	663.4	721.3	759.9	797.8	864.5	1101.8
-37.5°	216.7	291.5	377.9	467.7	548.7	632.0	715.1	756.0	794.1	841.8	932.1
-40°	201.9	268.9	352.3	437.7	518.6	598.9	679.5	750.3	788.6	850.6	910.2
-42.5°	184.9	249.9	324.8	406.8	484.4	563.0	641.9	717.8	797.2	859.4	919.0
-45°	166.3	228.3	295.7	370.2	446.4	523.1	599.7	678.6	774.4	869.2	929.0
-47.5°	145.0	204.1	268.2	329.8	403.2	478.4	553.5	636.1	731.0	830.0	936.7
-50°	122.5	177.1	235.6	292.2	354.6	427.8	501.5	584.7	673.9	769.7	870.2
-52.5°	101.9	147.3	200.0	254.7	309.2	370.1	444.0	522.9	606.5	696.5	784.3
-55°	79.5	119.6	161.5	213.0	266.3	318.1	378.2	452.1	529.2	610.7	690.0
-57.5°	62.7	91.0	126.3	167.3	217.4	269.7	321.5	377.4	445.6	517.6	583.6
-60°	48.9	67.5	93.2	126.7	163.8	211.9	263.0	313.6	366.5	419.1	476.1
-62.5°	36.3	50.5	67.0	88.8	119.9	152.7	195.3	242.5	291.5	335.2	376.6
-65°	32.2	36.4	47.8	62.8	78.2	105.3	135.3	166.9	207.9	246.3	283.7
-67.5°	27.9	31.9	35.6	41.2	54.7	68.2	81.5	107.7	135.1	159.7	185.9
-70°	25.3	27.5	30.8	34.0	37.0	42.8	54.5	66.0	76.9	90.3	110.9
-72.5°	23.0	24.7	26.7	29.1	31.8	34.4	37.1	39.9	46.8	55.9	64.0
-75°	20.6	21.8	23.2	25.0	26.9	28.8	30.7	33.0	35.4	37.9	40.6
-77.5°	18.2	19.2	20.2	21.1	22.4	24.0	25.6	27.1	28.6	30.1	31.4
-80°	16.1	16.7	17.4	18.2	19.0	20.0	21.0	22.0	23.1	24.2	25.4
-82.5°	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.5	18.1	18.8	19.5
-85°	12.6	12.9	13.2	13.5	13.7	14.0	14.2	14.5	14.7	14.9	15.1
-87.5°	10.8	10.9	11.1	11.2	11.5	11.7	11.9	12.1	12.3	12.4	12.6
-90°	2.3	2.0	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



REPORT NUMBER: P1305713 (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°
90°	11.6	11.9	12.3	12.6	12.9	13.2	13.6	13.9	14.2	14.2	14.2
87.5°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.0	0.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.9	1.8	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.3	1.3	1.3
77.5°	3.9	3.7	3.3	3.0	2.7	2.5	2.4	2.4	2.4	2.4	2.5
75°	4.0	3.9	4.1	4.1	3.9	3.7	3.5	3.2	2.7	2.6	2.6
72.5°	7.7	7.9	7.8	7.6	7.0	6.5	6.3	6.0	5.6	5.5	5.5
70°	14.6	14.7	14.1	12.8	10.9	9.6	9.1	8.4	7.7	7.6	8.0
67.5°	22.2	20.3	18.6	16.5	13.8	12.0	11.4	10.7	9.9	9.6	9.5
65°	27.4	21.6	18.4	16.3	15.0	13.5	12.0	10.6	9.2	8.3	8.0
62.5°	27.1	18.9	15.3	13.6	12.3	11.3	9.9	8.6	7.5	6.8	6.6
60°	23.6	15.8	11.7	10.6	9.7	9.0	8.2	7.4	6.8	6.4	6.4
57.5°	18.4	12.3	9.0	8.8	8.5	8.0	7.5	7.1	6.7	6.4	6.7
55°	13.4	10.7	9.1	8.9	8.6	8.1	7.6	7.5	7.4	7.2	7.8
52.5°	11.6	10.6	10.2	9.9	9.3	9.0	8.9	8.9	9.0	9.3	9.5
50°	11.4	11.0	10.7	10.2	10.2	10.2	10.2	10.6	11.0	11.1	11.1
47.5°	11.9	11.7	12.2	11.4	11.7	12.5	12.7	13.0	13.9	14.1	14.1
45°	14.0	15.9	16.3	16.2	15.8	20.7	21.7	19.8	27.2	26.1	20.4
42.5°	21.6	23.9	25.3	30.0	36.9	41.4	53.4	73.3	65.6	49.4	31.9
40°	37.0	36.3	43.3	51.9	57.0	66.3	81.1	100.2	92.4	78.4	83.7
37.5°	65.2	65.9	68.3	79.5	83.6	73.3	95.0	93.4	79.2	101.3	103.9
35°	119.5	132.2	112.4	136.8	142.6	133.8	141.7	156.8	135.6	164.0	173.1
32.5°	215.1	237.1	238.0	243.7	263.9	283.4	288.9	329.6	342.7	377.0	413.8
30°	343.6	384.1	418.5	427.8	454.9	503.2	543.0	621.3	705.1	768.1	850.8
27.5°	619.3	582.7	659.4	752.8	723.0	793.2	936.9	1050.0	1216.9	1337.1	1402.0
25°	1001.8	942.2	1081.9	1224.4	1224.6	1236.6	1444.5	1625.7	1762.4	1870.8	1966.0
22.5°	1453.1	1527.2	1652.6	1817.9	1731.8	1810.3	2016.8	2163.9	2355.4	2543.0	3105.3
20°	1958.8	2109.0	2212.2	2187.5	2183.7	2317.3	2498.8	2782.9	3362.0	5403.7	7353.4
17.5°	2404.5	2587.0	2577.9	2474.1	2523.3	2747.5	3077.0	4179.9	7105.7	13736.7	19942.4
15°	2750.2	2831.4	2777.9	2715.8	2825.9	3161.7	3985.9	7552.2	16430.8	27049.5	39170.1
12.5°	2981.1	2949.1	2808.8	2819.0	3080.5	3552.2	6353.3	14700.2	27538.3	42618.4	73091.5
10°	3070.3	2982.9	2860.1	2973.8	3330.5	4466.0	8545.2	20410.6	39820.3	71172.4	112246.1
7.5°	3009.5	2935.0	2900.4	3101.2	3576.0	5914.6	13283.1	28869.2	57078.9	97509.7	155310.8
5°	2970.2	2920.4	2927.9	3184.8	3731.2	6979.9	16631.6	34190.4	70801.0	122979.3	196514.8
2.5°	2967.9	2938.2	2951.4	3242.9	3818.7	7525.1	18517.9	35076.6	75621.0	136833.3	230229.4
0°	2999.7	2980.3	2968.8	3254.4	3776.9	6991.5	17766.3	36500.3	78927.8	143083.8	244876.4
-2.5°	3147.9	2989.8	2983.2	3253.8	3823.1	7388.3	18206.3	36008.7	77734.3	137306.9	229164.0
-5°	3112.4	2933.7	2905.3	3132.4	3663.9	6653.3	15939.0	33255.0	68281.5	116752.8	188884.9
-7.5°	2971.7	2852.4	2801.7	2982.5	3444.7	5584.3	12360.9	26255.2	51417.2	88003.9	136111.3
-10°	2857.4	2778.6	2703.7	2828.9	3180.2	4267.7	7879.9	17613.8	34974.4	59844.4	87394.8
-12.5°	2797.3	2760.0	2625.0	2660.0	2905.4	3387.8	5513.7	11905.7	21902.8	32496.3	53084.9
-15°	2754.7	2726.5	2600.0	2591.6	2728.7	3013.8	3632.3	6175.5	12248.2	19874.6	28046.8
-17.5°	2716.3	2705.9	2638.9	2566.1	2583.3	2748.5	3089.0	3992.2	6263.7	11111.3	16393.5
-20°	2734.8	2740.8	2689.6	2613.6	2586.5	2607.9	2784.8	3096.0	3671.4	5631.1	8024.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2728.9	2746.4	2732.7	2738.1	2705.5	2655.8	2620.8	2756.6	2974.3	3322.8	4207.9
-25°	2728.3	2752.4	2854.6	2985.5	2971.8	2853.1	2728.8	2621.2	2745.8	2896.3	3115.9
-27.5°	2687.9	2844.1	3098.6	3291.6	3346.9	3216.8	3042.9	2861.9	2842.1	2837.4	2921.8
-30°	2674.7	3010.3	3310.4	3585.5	3624.2	3558.6	3478.1	3349.2	3210.8	3134.3	3093.4
-32.5°	2271.0	3083.6	3450.7	3698.0	3759.3	3756.4	3774.5	3713.3	3670.1	3620.6	3550.7
-35°	1724.2	2576.9	3475.4	3589.5	3689.2	3778.0	3896.9	3927.3	3951.3	3978.7	4003.2
-37.5°	1204.0	1868.7	2615.3	3266.6	3473.6	3628.1	3838.8	3993.3	4121.9	4185.7	4262.2
-40°	997.4	1181.1	1759.5	2310.0	2852.4	3352.6	3579.5	3842.8	4089.1	4226.0	4351.2
-42.5°	976.9	1042.3	1111.8	1495.7	1954.9	2427.0	2890.9	3311.4	3759.4	4058.2	4278.0
-45°	983.5	1016.5	1057.1	1124.5	1196.5	1556.8	1945.5	2342.3	2831.9	3310.3	3727.8
-47.5°	982.7	1012.8	1044.9	1077.6	1120.5	1187.7	1256.7	1369.0	1716.2	2083.4	2438.6
-50°	948.7	1009.9	1039.9	1070.4	1101.6	1134.8	1169.7	1218.9	1277.7	1332.7	1377.3
-52.5°	862.7	934.9	1004.3	1062.4	1091.0	1120.2	1151.2	1192.2	1230.8	1266.9	1285.7
-55°	765.5	837.4	907.7	970.1	1029.1	1085.8	1138.5	1176.1	1214.6	1253.7	1269.7
-57.5°	653.9	726.4	796.1	854.4	913.2	972.0	1026.5	1078.9	1131.2	1180.7	1208.3
-60°	535.0	595.6	658.0	717.7	774.9	829.2	880.0	929.6	977.1	1018.7	1044.9
-62.5°	418.3	466.0	518.7	570.5	620.6	669.1	716.0	760.7	802.8	838.3	863.0
-65°	320.2	355.8	392.1	429.4	467.6	509.3	548.6	585.9	620.7	649.6	671.1
-67.5°	217.5	248.3	277.6	305.3	333.3	362.8	392.6	420.7	446.9	468.1	484.8
-70°	130.8	150.0	168.6	188.5	211.0	232.4	253.5	273.5	292.2	306.7	317.6
-72.5°	71.3	78.2	87.5	102.7	116.8	129.9	141.9	152.8	162.5	170.6	177.2
-75°	43.3	46.8	52.5	57.9	63.1	68.2	72.9	77.3	81.3	84.6	87.5
-77.5°	33.2	35.1	36.9	38.6	40.2	41.9	43.6	45.1	46.6	47.9	49.1
-80°	26.5	27.6	28.6	29.6	30.5	31.6	32.6	33.7	34.7	35.4	36.1
-82.5°	20.2	21.2	22.2	23.1	23.9	24.5	25.1	25.6	26.2	26.8	27.3
-85°	15.3	16.0	16.8	17.5	18.3	18.6	18.8	18.9	19.0	19.4	19.8
-87.5°	12.7	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.4	15.7	16.0
-90°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305713 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	13.9
87.5°	0.3	0.0	0.6	1.3	0.6	0.0	0.3	0.6	1.0	1.3	1.2
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
77.5°	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4
75°	2.6	2.6	3.2	3.9	3.2	2.6	2.6	2.6	2.6	2.7	3.2
72.5°	5.3	5.1	5.1	5.1	5.1	5.1	5.3	5.5	5.5	5.6	6.0
70°	8.4	8.8	9.0	9.0	9.0	8.8	8.4	8.0	7.6	7.7	8.4
67.5°	9.3	9.0	7.8	6.4	7.8	9.0	9.3	9.5	9.6	9.9	10.7
65°	7.9	7.8	7.1	6.4	7.1	7.8	7.9	8.0	8.3	9.2	10.6
62.5°	6.5	6.5	6.4	6.4	6.4	6.5	6.5	6.6	6.8	7.5	8.6
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.8	7.4
57.5°	7.1	7.5	7.7	7.7	7.7	7.5	7.1	6.7	6.4	6.7	7.1
55°	8.3	8.8	9.0	9.0	9.0	8.8	8.3	7.8	7.2	7.4	7.5
52.5°	9.4	9.1	9.5	10.3	9.5	9.1	9.4	9.5	9.3	9.0	8.9
50°	11.3	11.4	11.6	11.6	11.6	11.4	11.3	11.1	11.1	11.0	10.6
47.5°	14.2	14.2	14.1	14.2	14.1	14.2	14.2	14.1	14.1	13.9	13.0
45°	21.1	21.5	22.1	23.2	22.1	21.5	21.1	20.4	26.1	27.2	19.8
42.5°	33.4	34.1	34.4	34.7	34.4	34.1	33.4	31.9	49.4	65.6	73.3
40°	79.4	63.2	47.3	47.6	47.3	63.2	79.4	83.7	78.4	92.4	100.2
37.5°	91.3	83.0	79.7	78.5	79.7	83.0	91.3	103.9	101.3	79.2	93.4
35°	172.8	175.9	171.9	173.7	171.9	175.9	172.8	173.1	164.0	135.6	156.8
32.5°	425.6	442.9	436.7	438.8	436.7	442.9	425.6	413.8	377.0	342.7	329.6
30°	884.1	937.2	949.2	945.8	949.2	937.2	884.1	850.8	768.1	705.1	621.3
27.5°	1428.1	1470.3	1478.9	1470.9	1478.9	1470.3	1428.1	1402.0	1337.1	1216.9	1050.0
25°	2018.6	2058.7	2081.3	2070.5	2081.3	2058.7	2018.6	1966.0	1870.8	1762.4	1625.7
22.5°	3756.4	3938.7	4027.6	4148.8	4027.6	3938.7	3756.4	3105.3	2543.0	2355.4	2163.9
20°	11078.3	12337.6	12099.0	11839.0	12099.0	12337.6	11078.3	7353.4	5403.7	3362.0	2782.9
17.5°	27653.0	33844.8	36793.3	35593.0	36793.3	33844.8	27653.0	19942.4	13736.7	7105.7	4179.9
15°	56558.3	73858.7	83974.1	81273.7	83974.1	73858.7	56558.3	39170.1	27049.5	16430.8	7552.2
12.5°	102455.8	129951.2	151015.3	154030.5	151015.3	129951.2	102455.8	73091.5	42618.4	27538.3	14700.2
10°	161127.9	211936.8	253808.7	267480.0	253808.7	211936.8	161127.9	112246.1	71172.4	39820.3	20410.6
7.5°	231062.1	298888.7	347178.7	360601.1	347178.7	298888.7	231062.1	155310.8	97509.7	57078.9	28869.2
5°	287150.4	365209.6	418685.2	435110.5	418685.2	365209.6	287150.4	196514.8	122979.3	70801.0	34190.4
2.5°	329162.2	411039.0	470670.1	497917.3	470670.1	411039.0	329162.2	230229.4	136833.3	75621.0	35076.6
0°	345436.8	427945.3	494812.7	533535.4	494812.7	427945.3	345436.8	244876.4	143083.8	78927.8	36500.3
-2.5°	329516.6	406226.3	457718.6	483110.7	457718.6	406226.3	329516.6	229164.0	137306.9	77734.3	36008.7
-5°	274333.1	342211.1	386616.3	404542.6	386616.3	342211.1	274333.1	188884.9	116752.8	68281.5	33255.0
-7.5°	196566.4	252286.0	285385.1	300489.7	285385.1	252286.0	196566.4	136111.3	88003.9	51417.2	26255.2
-10°	127707.3	158548.8	191921.7	199064.5	191921.7	158548.8	127707.3	87394.8	59844.4	34974.4	17613.8
-12.5°	71947.1	91408.6	107995.0	113981.0	107995.0	91408.6	71947.1	53084.9	32496.3	21902.8	11905.7
-15°	38925.8	50014.1	55988.6	57458.0	55988.6	50014.1	38925.8	28046.8	19874.6	12248.2	6175.5
-17.5°	22348.6	27675.1	30723.0	32122.4	30723.0	27675.1	22348.6	16393.5	11111.3	6263.7	3992.2
-20°	11942.5	14948.0	16664.1	17927.1	16664.1	14948.0	11942.5	8024.2	5631.1	3671.4	3096.0



REPORT NUMBER: P1305713 (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°	5485.4	6411.7	6935.2	7526.8	6935.2	6411.7	5485.4	4207.9	3322.8	2974.3	2756.6
-25°	3306.7	3431.4	3506.5	3567.2	3506.5	3431.4	3306.7	3115.9	2896.3	2745.8	2621.2
-27.5°	2994.4	3035.1	3058.7	3083.3	3058.7	3035.1	2994.4	2921.8	2837.4	2842.1	2861.9
-30°	3058.2	3016.9	3002.5	2986.8	3002.5	3016.9	3058.2	3093.4	3134.3	3210.8	3349.2
-32.5°	3480.3	3399.9	3356.8	3316.2	3356.8	3399.9	3480.3	3550.7	3620.6	3670.1	3713.3
-35°	3993.7	3957.6	3938.5	3914.6	3938.5	3957.6	3993.7	4003.2	3978.7	3951.3	3927.3
-37.5°	4275.1	4268.8	4267.7	4255.6	4267.7	4268.8	4275.1	4262.2	4185.7	4121.9	3993.3
-40°	4365.7	4363.2	4356.9	4350.8	4356.9	4363.2	4365.7	4351.2	4226.0	4089.1	3842.8
-42.5°	4336.5	4375.4	4394.0	4394.6	4394.0	4375.4	4336.5	4278.0	4058.2	3759.4	3311.4
-45°	3993.9	4191.8	4306.9	4338.0	4306.9	4191.8	3993.9	3727.8	3310.3	2831.9	2342.3
-47.5°	2754.9	3034.0	3249.1	3384.4	3249.1	3034.0	2754.9	2438.6	2083.4	1716.2	1369.0
-50°	1416.1	1452.4	1489.1	1524.9	1489.1	1452.4	1416.1	1377.3	1332.7	1277.7	1218.9
-52.5°	1300.8	1315.9	1325.4	1330.6	1325.4	1315.9	1300.8	1285.7	1266.9	1230.8	1192.2
-55°	1284.3	1298.3	1305.3	1307.4	1305.3	1298.3	1284.3	1269.7	1253.7	1214.6	1176.1
-57.5°	1232.1	1251.8	1263.4	1268.8	1263.4	1251.8	1232.1	1208.3	1180.7	1131.2	1078.9
-60°	1066.8	1084.2	1096.0	1102.8	1096.0	1084.2	1066.8	1044.9	1018.7	977.1	929.6
-62.5°	883.5	899.7	908.8	912.4	908.8	899.7	883.5	863.0	838.3	802.8	760.7
-65°	688.9	702.9	717.2	728.4	717.2	702.9	688.9	671.1	649.6	620.7	585.9
-67.5°	499.0	510.3	522.8	532.8	522.8	510.3	499.0	484.8	468.1	446.9	420.7
-70°	326.2	332.5	342.6	351.3	342.6	332.5	326.2	317.6	306.7	292.2	273.5
-72.5°	182.5	186.5	194.0	200.7	194.0	186.5	182.5	177.2	170.6	162.5	152.8
-75°	89.8	91.7	92.5	92.7	92.5	91.7	89.8	87.5	84.6	81.3	77.3
-77.5°	50.2	51.2	51.4	51.5	51.4	51.2	50.2	49.1	47.9	46.6	45.1
-80°	36.6	37.2	37.9	38.6	37.9	37.2	36.6	36.1	35.4	34.7	33.7
-82.5°	27.8	28.2	28.3	28.3	28.3	28.2	27.8	27.3	26.8	26.2	25.6
-85°	20.2	20.6	20.6	20.6	20.6	20.6	20.2	19.8	19.4	19.0	18.9
-87.5°	16.4	16.7	16.7	16.7	16.7	16.7	16.4	16.0	15.7	15.4	15.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.6	13.2	12.9	12.6	12.3	11.9	11.6	11.3	11.0	10.6	10.3
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.8	1.8
82.5°	1.3	1.3	1.3	1.5	1.7	1.8	1.9	2.0	2.2	2.4	2.6
80°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	2.8	2.7	2.6	2.6
77.5°	2.4	2.5	2.7	3.0	3.3	3.7	3.9	3.8	3.7	3.5	3.3
75°	3.5	3.7	3.9	4.1	4.1	3.9	4.0	4.2	4.3	4.3	4.2
72.5°	6.3	6.5	7.0	7.6	7.8	7.9	7.7	7.0	6.4	5.6	5.0
70°	9.1	9.6	10.9	12.8	14.1	14.7	14.6	13.4	11.0	9.4	7.9
67.5°	11.4	12.0	13.8	16.5	18.6	20.3	22.2	23.4	22.7	20.1	14.2
65°	12.0	13.5	15.0	16.3	18.4	21.6	27.4	30.6	31.7	30.9	24.3
62.5°	9.9	11.3	12.3	13.6	15.3	18.9	27.1	33.5	38.2	37.9	30.5
60°	8.2	9.0	9.7	10.6	11.7	15.8	23.6	32.4	42.5	39.6	33.4
57.5°	7.5	8.0	8.5	8.8	9.0	12.3	18.4	26.8	36.4	35.8	32.5
55°	7.6	8.1	8.6	8.9	9.1	10.7	13.4	18.6	26.1	28.0	26.7
52.5°	8.9	9.0	9.3	9.9	10.2	10.6	11.6	14.6	16.7	19.5	20.9
50°	10.2	10.2	10.2	10.2	10.7	11.0	11.4	12.6	13.9	14.8	15.4
47.5°	12.7	12.5	11.7	11.4	12.2	11.7	11.9	12.1	13.2	13.8	13.8
45°	21.7	20.7	15.8	16.2	16.3	15.9	14.0	15.1	14.3	14.2	14.2
42.5°	53.4	41.4	36.9	30.0	25.3	23.9	21.6	21.6	20.3	16.8	16.9
40°	81.1	66.3	57.0	51.9	43.3	36.3	37.0	30.7	28.9	25.1	24.0
37.5°	95.0	73.3	83.6	79.5	68.3	65.9	65.2	53.4	38.9	46.0	44.3
35°	141.7	133.8	142.6	136.8	112.4	132.2	119.5	92.7	76.3	80.7	74.0
32.5°	288.9	283.4	263.9	243.7	238.0	237.1	215.1	164.6	151.6	140.7	119.4
30°	543.0	503.2	454.9	427.8	418.5	384.1	343.6	351.5	288.7	219.0	179.7
27.5°	936.9	793.2	723.0	752.8	659.4	582.7	619.3	653.6	487.6	355.8	266.0
25°	1444.5	1236.6	1224.6	1224.4	1081.9	942.2	1001.8	1005.7	841.8	539.4	383.6
22.5°	2016.8	1810.3	1731.8	1817.9	1652.6	1527.2	1453.1	1399.4	1276.2	876.6	595.2
20°	2498.8	2317.3	2183.7	2187.5	2212.2	2109.0	1958.8	1815.8	1648.5	1315.6	864.6
17.5°	3077.0	2747.5	2523.3	2474.1	2577.9	2587.0	2404.5	2182.3	2008.2	1769.1	1173.0
15°	3985.9	3161.7	2825.9	2715.8	2777.9	2831.4	2750.2	2520.9	2350.6	2152.7	1531.6
12.5°	6353.3	3552.2	3080.5	2819.0	2808.8	2949.1	2981.1	2836.4	2616.9	2337.2	1783.7
10°	8545.2	4466.0	3330.5	2973.8	2860.1	2982.9	3070.3	2904.2	2662.1	2430.4	1999.7
7.5°	13283.1	5914.6	3576.0	3101.2	2900.4	2935.0	3009.5	2855.6	2676.1	2494.6	2179.5
5°	16631.6	6979.9	3731.2	3184.8	2927.9	2920.4	2970.2	2770.7	2665.4	2535.4	2322.5
2.5°	18517.9	7525.1	3818.7	3242.9	2951.4	2938.2	2967.9	2717.7	2645.1	2522.9	2345.0
0°	17766.3	6991.5	3776.9	3254.4	2968.8	2980.3	2999.7	2706.3	2621.3	2495.2	2333.1
-2.5°	18206.3	7388.3	3823.1	3253.8	2983.2	2989.8	3147.9	2833.1	2692.0	2522.7	2310.0
-5°	15939.0	6653.3	3663.9	3132.4	2905.3	2933.7	3112.4	2870.5	2697.6	2519.3	2250.7
-7.5°	12360.9	5584.3	3444.7	2982.5	2801.7	2852.4	2971.7	2794.1	2580.1	2413.3	2109.2
-10°	7879.9	4267.7	3180.2	2828.9	2703.7	2778.6	2857.4	2681.4	2456.4	2303.8	1945.8
-12.5°	5513.7	3387.8	2905.4	2660.0	2625.0	2760.0	2797.3	2556.8	2327.8	2193.5	1766.7
-15°	3632.3	3013.8	2728.7	2591.6	2600.0	2726.5	2754.7	2539.6	2351.3	2133.2	1577.4
-17.5°	3089.0	2748.5	2583.3	2566.1	2638.9	2705.9	2716.3	2587.8	2402.1	2095.2	1408.4
-20°	2784.8	2607.9	2586.5	2613.6	2689.6	2740.8	2734.8	2651.9	2425.1	1901.9	1220.0



REPORT NUMBER: P1305713 (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°	2620.8	2655.8	2705.5	2738.1	2732.7	2746.4	2728.9	2653.8	2422.2	1633.4	1006.5
-25°	2728.8	2853.1	2971.8	2985.5	2854.6	2752.4	2728.3	2583.5	2077.5	1344.8	803.3
-27.5°	3042.9	3216.8	3346.9	3291.6	3098.6	2844.1	2687.9	2439.3	1664.8	1068.7	785.0
-30°	3478.1	3558.6	3624.2	3585.5	3310.4	3010.3	2674.7	1953.8	1309.1	843.2	765.0
-32.5°	3774.5	3756.4	3759.3	3698.0	3450.7	3083.6	2271.0	1479.9	956.2	818.4	760.8
-35°	3896.9	3778.0	3689.2	3589.5	3475.4	2576.9	1724.2	1101.8	864.5	797.8	759.9
-37.5°	3838.8	3628.1	3473.6	3266.6	2615.3	1868.7	1204.0	932.1	841.8	794.1	756.0
-40°	3579.5	3352.6	2852.4	2310.0	1759.5	1181.1	997.4	910.2	850.6	788.6	750.3
-42.5°	2890.9	2427.0	1954.9	1495.7	1111.8	1042.3	976.9	919.0	859.4	797.2	717.8
-45°	1945.5	1556.8	1196.5	1124.5	1057.1	1016.5	983.5	929.0	869.2	774.4	678.6
-47.5°	1256.7	1187.7	1120.5	1077.6	1044.9	1012.8	982.7	936.7	830.0	731.0	636.1
-50°	1169.7	1134.8	1101.6	1070.4	1039.9	1009.9	948.7	870.2	769.7	673.9	584.7
-52.5°	1151.2	1120.2	1091.0	1062.4	1004.3	934.9	862.7	784.3	696.5	606.5	522.9
-55°	1138.5	1085.8	1029.1	970.1	907.7	837.4	765.5	690.0	610.7	529.2	452.1
-57.5°	1026.5	972.0	913.2	854.4	796.1	726.4	653.9	583.6	517.6	445.6	377.4
-60°	880.0	829.2	774.9	717.7	658.0	595.6	535.0	476.1	419.1	366.5	313.6
-62.5°	716.0	669.1	620.6	570.5	518.7	466.0	418.3	376.6	335.2	291.5	242.5
-65°	548.6	509.3	467.6	429.4	392.1	355.8	320.2	283.7	246.3	207.9	166.9
-67.5°	392.6	362.8	333.3	305.3	277.6	248.3	217.5	185.9	159.7	135.1	107.7
-70°	253.5	232.4	211.0	188.5	168.6	150.0	130.8	110.9	90.3	76.9	66.0
-72.5°	141.9	129.9	116.8	102.7	87.5	78.2	71.3	64.0	55.9	46.8	39.9
-75°	72.9	68.2	63.1	57.9	52.5	46.8	43.3	40.6	37.9	35.4	33.0
-77.5°	43.6	41.9	40.2	38.6	36.9	35.1	33.2	31.4	30.1	28.6	27.1
-80°	32.6	31.6	30.5	29.6	28.6	27.6	26.5	25.4	24.2	23.1	22.0
-82.5°	25.1	24.5	23.9	23.1	22.2	21.2	20.2	19.5	18.8	18.1	17.5
-85°	18.8	18.6	18.3	17.5	16.8	16.0	15.3	15.1	14.9	14.7	14.5
-87.5°	14.7	14.4	14.1	13.7	13.4	13.0	12.7	12.6	12.4	12.3	12.1
-90°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3



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 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.0	9.7	9.3	9.0	9.0	9.0	9.0	9.0	8.4	7.7	7.1
87.5°	1.5	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9
85°	2.0	2.1	2.4	2.6	2.6	2.6	2.6	2.6	2.9	3.1	3.2
82.5°	2.6	2.6	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.3	3.5
80°	2.9	3.0	3.0	3.0	3.1	3.3	3.5	3.5	3.6	3.7	3.8
77.5°	3.3	3.4	3.7	3.7	3.6	3.6	3.7	4.0	4.1	4.2	4.2
75°	3.9	3.8	3.8	3.9	4.0	3.9	3.8	4.0	4.3	4.6	4.6
72.5°	4.7	4.4	4.2	4.0	4.2	4.2	4.1	4.0	4.3	4.6	4.9
70°	6.5	5.4	4.9	4.6	4.6	4.6	4.6	4.5	4.4	4.6	4.9
67.5°	9.0	7.4	6.1	5.3	4.9	4.9	5.0	5.0	4.8	4.7	5.0
65°	17.3	11.6	7.6	6.5	5.6	5.1	5.1	5.4	5.3	5.1	5.0
62.5°	23.8	17.6	12.2	8.3	6.5	5.6	5.2	5.6	5.8	5.6	5.3
60°	28.1	21.4	16.4	11.9	8.3	6.3	5.7	5.8	6.1	6.0	5.7
57.5°	26.9	23.4	19.7	15.1	10.8	7.6	6.4	6.3	6.4	6.4	6.0
55°	23.7	20.7	21.6	18.3	13.3	9.1	7.4	7.0	6.8	6.8	6.4
52.5°	19.4	19.4	21.2	20.5	16.2	11.0	9.0	7.6	7.4	7.2	6.8
50°	15.7	18.5	21.1	21.7	19.0	14.2	10.4	8.8	7.9	7.7	7.3
47.5°	14.2	17.6	20.3	23.0	21.3	17.2	12.8	9.9	8.5	8.1	7.7
45°	15.8	17.2	19.8	22.3	23.9	19.6	15.3	11.0	9.4	8.6	8.2
42.5°	19.0	19.3	20.0	21.7	23.7	21.6	17.7	13.0	10.3	9.1	8.6
40°	23.9	23.3	21.6	23.4	23.7	23.3	19.4	15.1	11.2	9.7	9.0
37.5°	30.2	28.9	26.1	27.8	25.4	23.9	20.7	16.9	12.4	10.5	9.5
35°	54.7	36.2	40.8	38.5	31.5	25.1	21.8	18.4	14.2	11.4	9.8
32.5°	86.0	68.1	71.9	56.6	39.9	26.8	23.0	20.0	15.9	12.2	10.2
30°	144.3	143.0	119.2	79.6	52.9	34.5	25.4	21.9	17.6	13.0	10.7
27.5°	243.1	233.9	184.4	123.4	75.1	44.8	29.3	24.0	19.2	14.1	11.4
25°	344.6	328.4	272.7	182.9	100.4	69.6	33.9	26.5	20.9	15.4	12.1
22.5°	453.7	419.8	371.7	252.2	143.5	102.7	46.5	30.1	22.7	16.7	12.7
20°	561.0	510.1	471.7	311.7	196.9	141.1	70.3	34.1	24.7	17.8	13.4
17.5°	690.0	582.4	511.3	370.4	250.4	179.7	98.5	38.3	26.7	18.9	14.0
15°	892.2	630.4	546.2	422.2	296.7	218.5	129.9	42.7	28.7	19.9	14.6
12.5°	1076.2	675.0	580.8	467.1	336.6	256.9	163.5	47.1	30.8	20.8	15.0
10°	1248.6	716.1	614.3	505.6	370.8	294.6	198.1	51.5	32.7	21.8	15.5
7.5°	1404.7	753.4	646.3	538.0	397.0	318.7	219.6	55.8	34.4	22.6	15.9
5°	1522.3	780.9	670.3	552.5	403.7	326.9	235.7	59.9	36.0	23.3	16.2
2.5°	1533.4	794.8	688.2	560.4	408.2	332.6	247.9	63.6	37.4	24.0	16.5
0°	1510.8	804.3	702.6	563.6	410.5	335.9	256.1	66.9	38.6	24.5	16.7
-2.5°	1489.2	804.6	703.9	573.6	429.0	345.7	265.1	86.1	51.0	31.4	19.9
-5°	1440.7	801.4	701.5	579.7	444.8	353.5	270.5	104.3	62.8	38.1	23.0
-7.5°	1358.3	786.0	691.5	581.5	457.0	359.5	273.0	121.1	73.8	44.2	25.8
-10°	1248.6	761.9	672.0	572.4	462.8	367.3	274.0	136.3	83.8	49.8	28.4
-12.5°	1114.4	735.3	652.1	563.4	466.4	376.5	276.6	149.1	92.5	54.5	30.6
-15°	956.9	706.5	632.8	555.6	469.0	383.9	276.6	159.5	100.3	59.1	32.3
-17.5°	782.7	675.6	615.0	550.1	470.9	389.6	274.3	167.5	106.7	63.5	34.3
-20°	746.4	661.2	600.1	547.9	472.6	393.5	269.9	173.0	111.5	66.8	36.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	734.4	662.7	604.9	546.1	474.1	395.8	263.6	175.8	114.6	68.7	37.4
-25°	720.3	665.6	612.2	545.8	473.8	384.7	260.6	175.7	115.9	69.4	37.6
-27.5°	717.7	670.3	618.8	540.5	465.7	371.9	259.4	176.5	115.8	68.5	36.9
-30°	722.4	675.8	612.2	529.8	453.9	351.0	254.4	175.1	114.7	67.3	35.2
-32.5°	724.1	680.9	596.6	514.0	431.5	329.0	242.7	171.1	111.5	65.3	34.3
-35°	721.3	663.4	574.7	494.0	404.9	311.6	229.0	164.6	106.3	61.8	33.2
-37.5°	715.1	632.0	548.7	467.7	377.9	291.5	216.7	154.1	98.9	56.8	31.5
-40°	679.5	598.9	518.6	437.7	352.3	268.9	201.9	141.9	91.3	50.3	29.1
-42.5°	641.9	563.0	484.4	406.8	324.8	249.9	184.9	127.5	81.3	45.4	26.0
-45°	599.7	523.1	446.4	370.2	295.7	228.3	166.3	111.4	69.7	41.1	23.6
-47.5°	553.5	478.4	403.2	329.8	268.2	204.1	145.0	96.6	56.9	35.9	22.6
-50°	501.5	427.8	354.6	292.2	235.6	177.1	122.5	80.2	49.7	29.7	21.5
-52.5°	444.0	370.1	309.2	254.7	200.0	147.3	101.9	63.2	41.7	26.6	20.2
-55°	378.2	318.1	266.3	213.0	161.5	119.6	79.5	53.0	33.0	24.8	18.8
-57.5°	321.5	269.7	217.4	167.3	126.3	91.0	62.7	42.0	29.1	22.8	17.8
-60°	263.0	211.9	163.8	126.7	93.2	67.5	48.9	33.1	26.6	20.9	16.8
-62.5°	195.3	152.7	119.9	88.8	67.0	50.5	36.3	29.9	23.9	19.7	15.7
-65°	135.3	105.3	78.2	62.8	47.8	36.4	32.2	26.5	22.2	18.4	14.7
-67.5°	81.5	68.2	54.7	41.2	35.6	31.9	27.9	24.3	20.7	17.0	14.1
-70°	54.5	42.8	37.0	34.0	30.8	27.5	25.3	22.5	19.1	16.1	13.4
-72.5°	37.1	34.4	31.8	29.1	26.7	24.7	23.0	20.7	17.7	15.0	12.7
-75°	30.7	28.8	26.9	25.0	23.2	21.8	20.6	18.9	16.3	13.9	11.8
-77.5°	25.6	24.0	22.4	21.1	20.2	19.2	18.2	16.9	14.8	12.8	10.7
-80°	21.0	20.0	19.0	18.2	17.4	16.7	16.1	15.3	13.4	11.5	9.6
-82.5°	16.8	16.4	16.0	15.6	15.2	14.8	14.4	13.8	12.1	10.3	8.7
-85°	14.2	14.0	13.7	13.5	13.2	12.9	12.6	12.3	10.8	9.4	8.2
-87.5°	11.9	11.7	11.5	11.2	11.1	10.9	10.8	10.6	9.6	8.6	7.6
-90°	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.6	2.6	2.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	5.8	5.2	4.5	3.9	3.9	3.9
87.5°	2.9	3.1	3.4	3.6	3.9	3.9	3.9
85°	3.3	3.3	3.5	3.7	3.9	4.0	3.9
82.5°	3.6	3.6	3.6	3.7	3.9	4.0	3.9
80°	3.9	3.8	3.7	3.8	3.9	4.0	3.9
77.5°	4.2	4.0	3.8	3.8	3.9	4.0	3.9
75°	4.5	4.2	3.9	3.8	3.9	4.1	3.9
72.5°	4.8	4.5	4.1	3.9	3.9	4.1	3.9
70°	5.1	4.7	4.3	3.9	3.9	4.1	3.9
67.5°	5.1	5.0	4.5	4.1	4.0	4.1	3.9
65°	5.2	5.1	4.7	4.2	4.0	4.2	3.9
62.5°	5.3	5.2	4.9	4.4	4.0	4.2	3.9
60°	5.3	5.4	5.1	4.5	4.1	4.2	3.9
57.5°	5.7	5.5	5.2	4.6	4.2	4.3	3.9
55°	6.0	5.6	5.4	4.8	4.3	4.3	3.9
52.5°	6.3	5.8	5.5	4.9	4.4	4.3	3.9
50°	6.6	6.1	5.6	5.0	4.5	4.4	3.9
47.5°	6.9	6.3	5.8	5.1	4.6	4.4	3.9
45°	7.4	6.6	5.9	5.2	4.8	4.4	3.9
42.5°	7.8	6.8	6.1	5.4	4.9	4.5	3.9
40°	8.2	7.1	6.3	5.5	5.0	4.5	3.9
37.5°	8.7	7.3	6.5	5.7	5.1	4.6	3.9
35°	9.1	7.6	6.7	5.9	5.2	4.6	3.9
32.5°	9.5	8.0	6.8	6.0	5.3	4.6	3.9
30°	9.9	8.3	7.0	6.2	5.4	4.7	3.9
27.5°	10.2	8.7	7.2	6.4	5.5	4.7	3.9
25°	10.5	9.0	7.4	6.5	5.6	4.8	3.9
22.5°	10.8	9.3	7.6	6.7	5.7	4.8	3.9
20°	11.1	9.6	7.8	6.8	5.8	4.8	3.9
17.5°	11.3	9.8	8.0	6.9	5.9	4.9	3.9
15°	11.5	9.9	8.1	7.1	6.0	4.9	3.9
12.5°	11.8	10.1	8.3	7.2	6.1	4.9	3.9
10°	12.0	10.2	8.5	7.3	6.1	5.0	3.9
7.5°	12.3	10.2	8.6	7.4	6.2	5.0	3.9
5°	12.5	10.3	8.8	7.5	6.3	5.0	3.9
2.5°	12.7	10.3	8.9	7.6	6.3	5.1	3.9
0°	12.9	10.3	9.0	7.7	6.4	5.1	3.9
-2.5°	14.1	10.9	9.2	7.8	6.5	5.1	3.9
-5°	15.2	11.4	9.4	7.9	6.5	5.2	3.9
-7.5°	16.3	11.9	9.6	7.9	6.5	5.2	3.9
-10°	17.3	12.4	9.8	8.0	6.6	5.2	3.9
-12.5°	18.1	12.8	10.0	8.0	6.6	5.2	3.9
-15°	18.9	13.1	10.1	8.1	6.6	5.2	3.9
-17.5°	19.4	13.4	10.2	8.1	6.7	5.2	3.9
-20°	20.1	13.7	10.3	8.1	6.7	5.2	3.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.7	13.8	10.3	8.2	6.7	5.2	3.9
-25°	21.1	13.9	10.3	8.2	6.7	5.2	3.9
-27.5°	21.0	14.0	10.3	8.2	6.7	5.2	3.9
-30°	20.5	14.0	10.2	8.2	6.7	5.2	3.9
-32.5°	19.7	13.9	10.2	8.1	6.7	5.2	3.9
-35°	19.2	13.7	10.2	8.1	6.7	5.2	3.9
-37.5°	18.9	13.5	10.1	8.1	6.7	5.2	3.9
-40°	18.5	13.4	9.9	8.0	6.6	5.1	3.9
-42.5°	18.0	13.2	9.8	8.0	6.6	5.1	3.9
-45°	17.3	12.9	9.8	8.0	6.6	5.1	3.9
-47.5°	16.5	12.6	9.8	7.9	6.5	5.0	3.9
-50°	16.0	12.2	9.7	7.9	6.5	5.0	3.9
-52.5°	15.4	11.7	9.6	7.8	6.4	4.9	3.9
-55°	14.7	11.5	9.4	7.7	6.4	4.9	3.9
-57.5°	13.9	11.2	9.3	7.6	6.3	4.8	3.9
-60°	13.1	11.0	9.1	7.4	6.2	4.8	3.9
-62.5°	12.7	10.7	8.8	7.3	6.1	4.7	3.9
-65°	12.3	10.4	8.5	7.1	5.9	4.7	3.9
-67.5°	11.8	10.0	8.2	6.9	5.7	4.6	3.9
-70°	11.3	9.4	7.9	6.7	5.6	4.5	3.9
-72.5°	10.5	8.8	7.5	6.5	5.4	4.4	3.9
-75°	9.7	8.2	7.1	6.2	5.2	4.4	3.9
-77.5°	8.7	7.6	6.8	5.9	5.0	4.3	3.9
-80°	7.8	7.1	6.4	5.6	4.8	4.2	3.9
-82.5°	7.4	6.8	6.1	5.4	4.5	4.1	3.9
-85°	7.1	6.5	5.8	5.1	4.3	4.1	3.9
-87.5°	6.7	6.1	5.5	4.8	4.1	4.0	3.9
-90°	2.6	2.9	3.3	3.6	3.9	3.9	3.9

(END OF REPORT)