

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: P1305689 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

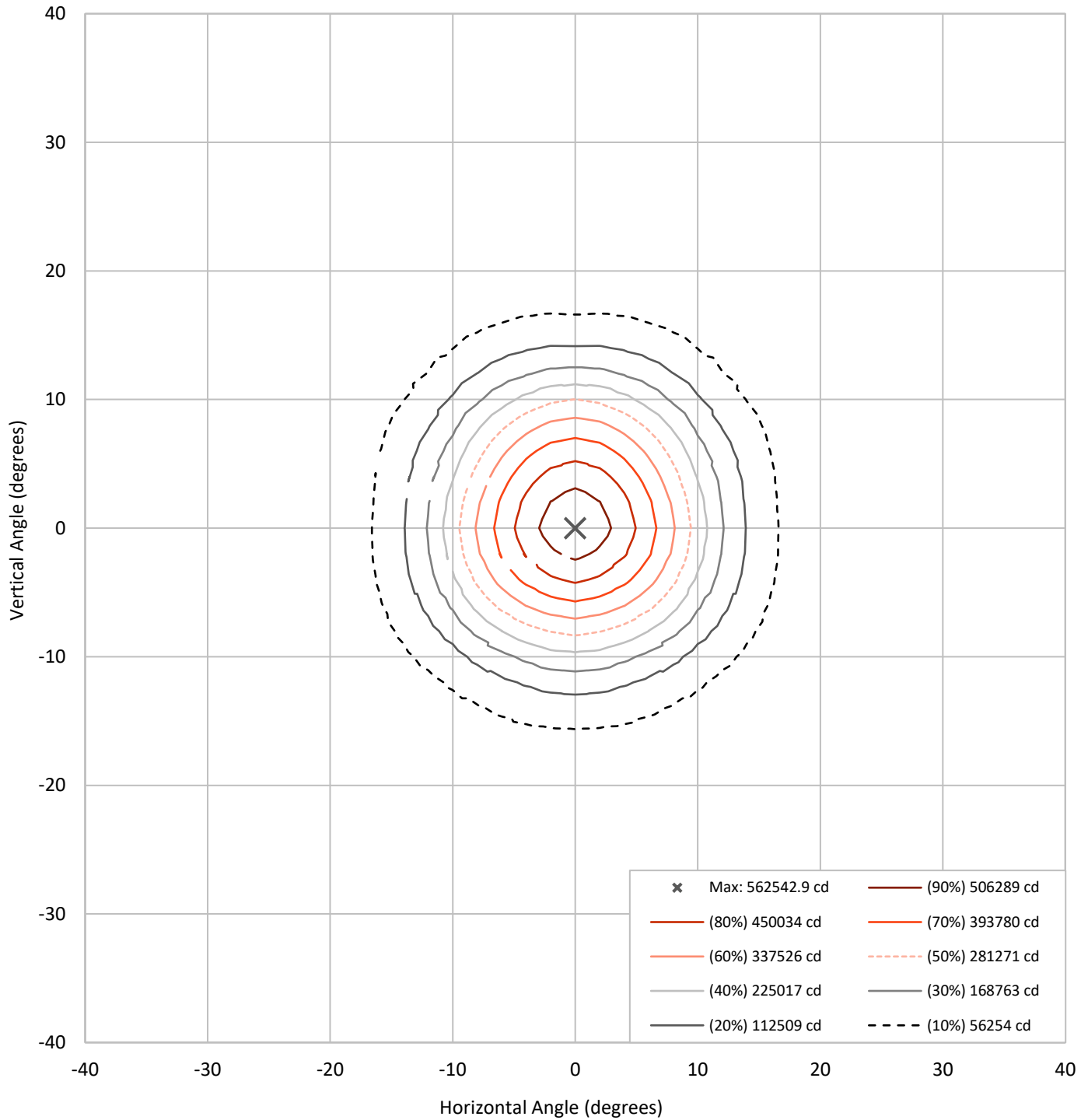
Test Method: LM-79-08
Report Number: P1305689 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 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:	67759.2 lumens	Max Intensity:	562542.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.1 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:	31614.4 lumens	Field Lumens:	57420.5 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





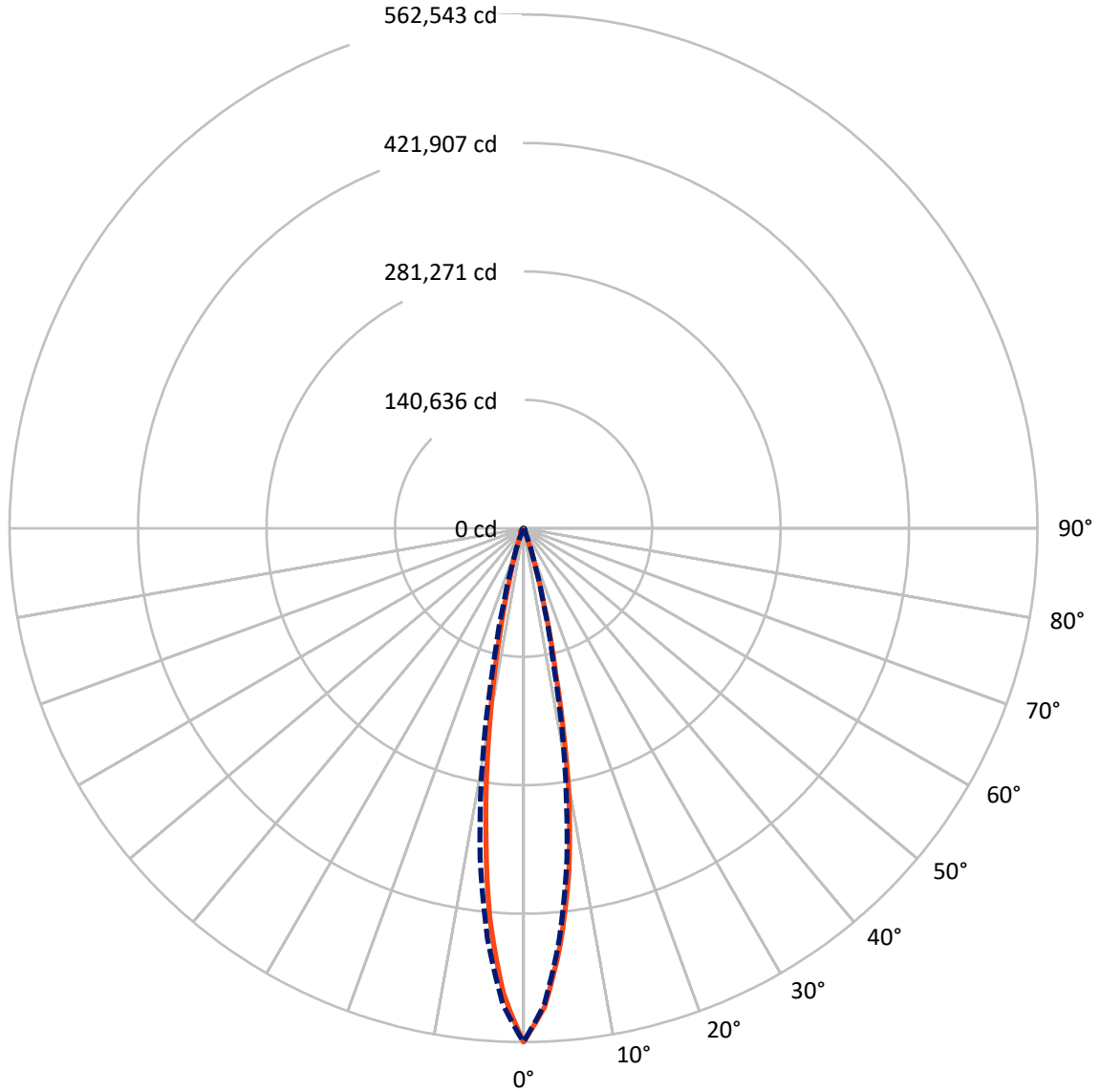
REPORT NUMBER: P1305689 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.2	0.4	0.4	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	0.4	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	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1			
50	0.2	0.2	0.4	0.4	0.5	0.7	1.1	0.9	0.9	1.1	0.7	0.5	0.4	0.4	0.2	0.2		
40		0.3	0.8	1.9	3.8	5.4	7.7	9.5	9.5	7.7	5.4	3.8	1.9	0.8	0.3			
30	0.2	0.5	3.7	11.7	27.7	37.6	60.1	107.3	107.3	60.1	37.6	27.7	11.7	3.7	0.5	0.2		
20		1.2	7.9	33.8	68.1	90.2	659.0	2655.8	2655.8	659.0	90.2	68.1	33.8	7.9	1.2			
10	0.3	1.8	10.1	45.6	75.7	165.6	2469.0	10662.5	10662.5	2469.0	165.6	75.7	45.6	10.1	1.8	0.3		
0		2.3	10.7	44.8	75.6	160.8	2362.0	9877.4	9877.4	2362.0	160.8	75.6	44.8	10.7	2.3			
-10	0.5	2.7	10.3	35.9	69.7	88.0	526.0	1972.0	1972.0	526.0	88.0	69.7	35.9	10.3	2.7	0.5		
-20		2.8	10.0	24.9	69.0	86.6	98.0	169.2	169.2	98.0	86.6	69.0	24.9	10.0	2.8			
-30	0.4	2.4	9.1	17.5	49.0	101.6	118.9	122.6	122.6	118.9	101.6	49.0	17.5	9.1	2.4	0.4		
-40		1.7	6.9	15.5	25.9	46.7	84.7	114.9	114.9	84.7	46.7	25.9	15.5	6.9	1.7			
-50	0.3	0.9	4.0	10.4	19.9	28.9	36.3	40.9	40.9	36.3	28.9	19.9	10.4	4.0	0.9	0.3		
-60		0.4	1.3	4.1	8.5	13.9	19.3	22.5	22.5	19.3	13.9	8.5	4.1	1.3	0.4			
-70	0.2	0.9	4.0	10.4	19.9	28.9	36.3	40.9	40.9	36.3	28.9	19.9	10.4	4.0	0.9	0.2		
-80		1.1	3.1	7.1	9.6	7.1	3.1	1.1	0.2									
-90	0.2	1.1	3.1	7.1	9.6	7.1	3.1	1.1	0.2									

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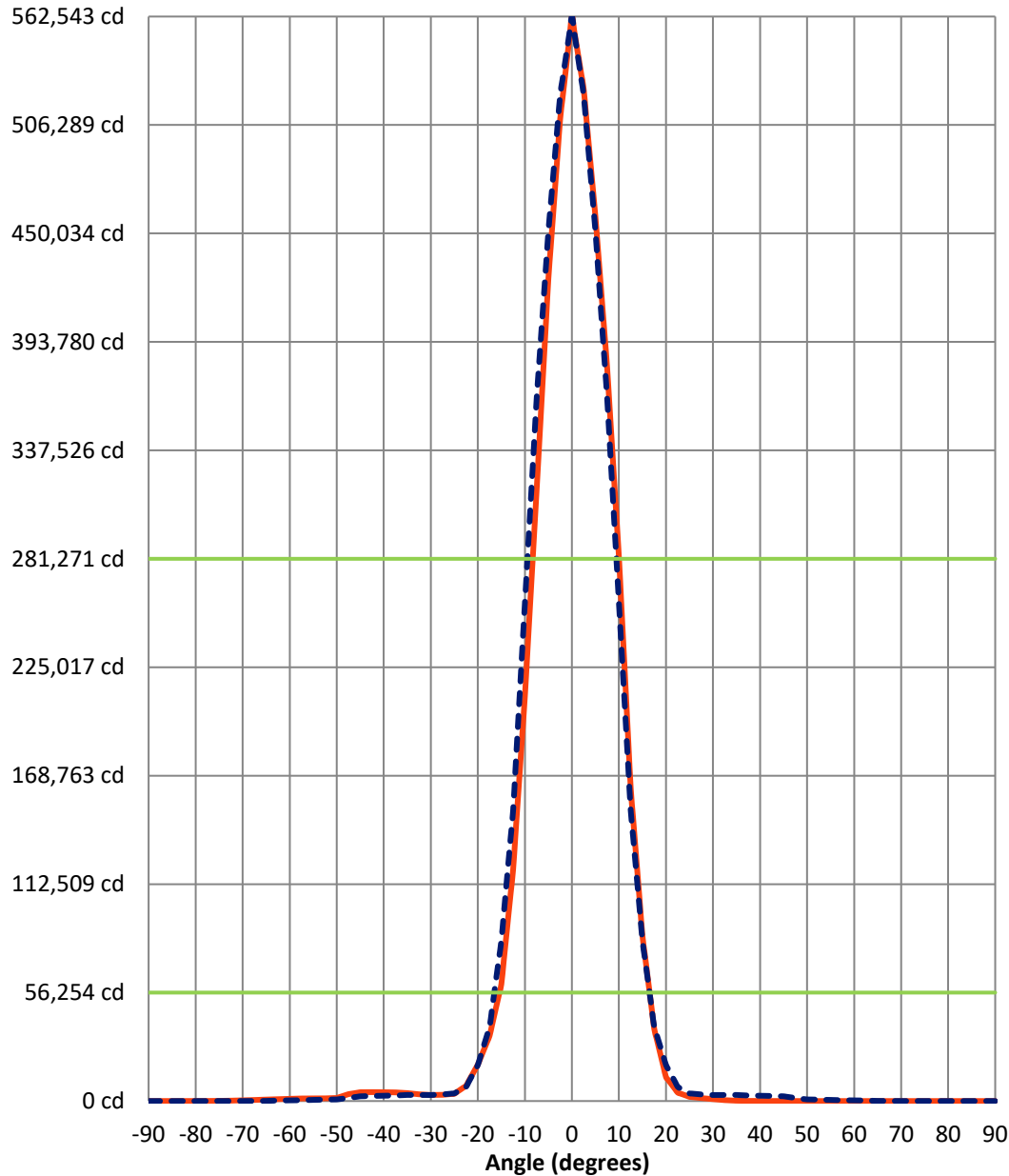
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 18.3°
 Lumens: 31614.4
 Efficiency: 46.7%

Field:
 H Angle: 33°
 V Angle: 31.9°
 Lumens: 57420.5
 Efficiency: 84.7%

Spill:
 Lumens: 10338.7
 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°	4.1	4.1	4.1	4.8	5.5	6.1	6.8	7.5	8.2	8.8	9.5
87.5°	4.1	4.1	4.1	3.8	3.5	3.3	3.1	3.0	2.9	2.8	2.7
85°	4.1	4.2	4.1	3.8	3.6	3.5	3.4	3.3	3.2	3.0	2.7
82.5°	4.1	4.2	4.1	3.9	3.8	3.7	3.8	3.7	3.5	3.3	3.1
80°	4.1	4.2	4.1	3.9	3.9	4.0	4.1	4.0	3.9	3.8	3.7
77.5°	4.1	4.2	4.1	4.0	4.0	4.2	4.5	4.5	4.4	4.4	4.2
75°	4.1	4.3	4.1	4.0	4.1	4.5	4.8	4.9	4.8	4.5	4.2
72.5°	4.1	4.3	4.1	4.1	4.4	4.7	5.1	5.2	4.9	4.5	4.2
70°	4.1	4.3	4.2	4.1	4.6	5.0	5.4	5.2	4.9	4.6	4.7
67.5°	4.1	4.4	4.2	4.3	4.8	5.3	5.4	5.2	4.9	5.1	5.3
65°	4.1	4.4	4.2	4.4	5.0	5.5	5.5	5.3	5.4	5.6	5.7
62.5°	4.1	4.4	4.2	4.6	5.2	5.6	5.6	5.6	5.9	6.1	5.9
60°	4.1	4.5	4.3	4.7	5.4	5.7	5.7	6.0	6.4	6.4	6.2
57.5°	4.1	4.5	4.4	4.9	5.5	5.8	6.0	6.4	6.8	6.8	6.7
55°	4.1	4.5	4.5	5.0	5.7	6.0	6.3	6.8	7.1	7.2	7.4
52.5°	4.1	4.6	4.7	5.2	5.8	6.1	6.7	7.2	7.6	7.8	8.0
50°	4.1	4.6	4.8	5.3	6.0	6.4	7.0	7.7	8.1	8.4	9.3
47.5°	4.1	4.7	4.9	5.4	6.1	6.7	7.3	8.1	8.6	9.0	10.5
45°	4.1	4.7	5.0	5.6	6.3	7.0	7.8	8.6	9.1	10.0	11.6
42.5°	4.1	4.7	5.2	5.7	6.5	7.2	8.2	9.1	9.6	10.9	13.7
40°	4.1	4.8	5.3	5.9	6.7	7.5	8.7	9.5	10.2	11.7	15.9
37.5°	4.1	4.8	5.4	6.0	6.9	7.7	9.1	10.0	11.1	13.0	17.9
35°	4.1	4.9	5.5	6.2	7.0	8.0	9.6	10.4	12.0	15.0	19.4
32.5°	4.1	4.9	5.6	6.4	7.2	8.4	10.1	10.8	12.9	16.8	21.1
30°	4.1	4.9	5.7	6.6	7.4	8.8	10.4	11.3	13.8	18.6	23.1
27.5°	4.1	5.0	5.8	6.7	7.6	9.1	10.7	12.0	14.9	20.3	25.3
25°	4.1	5.0	6.0	6.9	7.8	9.5	11.1	12.7	16.3	22.0	27.9
22.5°	4.1	5.1	6.1	7.0	8.0	9.8	11.4	13.4	17.6	24.0	31.8
20°	4.1	5.1	6.2	7.2	8.2	10.1	11.7	14.1	18.8	26.0	36.0
17.5°	4.1	5.2	6.3	7.3	8.4	10.3	11.9	14.8	20.0	28.1	40.4
15°	4.1	5.2	6.3	7.5	8.6	10.5	12.2	15.4	21.0	30.3	45.0
12.5°	4.1	5.2	6.4	7.6	8.8	10.6	12.4	15.9	22.0	32.4	49.7
10°	4.1	5.3	6.5	7.7	8.9	10.7	12.7	16.3	22.9	34.4	54.4
7.5°	4.1	5.3	6.6	7.8	9.1	10.8	12.9	16.7	23.8	36.3	58.9
5°	4.1	5.3	6.7	7.9	9.2	10.9	13.2	17.1	24.6	38.0	63.2
2.5°	4.1	5.4	6.7	8.0	9.4	10.9	13.4	17.4	25.2	39.5	67.1
0°	4.1	5.4	6.8	8.1	9.5	10.9	13.6	17.6	25.8	40.7	70.6
-2.5°	4.1	5.4	6.9	8.2	9.7	11.5	14.9	21.0	33.1	53.7	90.8
-5°	4.1	5.5	6.9	8.3	10.0	12.1	16.1	24.2	40.1	66.2	109.9
-7.5°	4.1	5.5	6.9	8.3	10.2	12.6	17.2	27.2	46.6	77.8	127.7
-10°	4.1	5.5	7.0	8.4	10.3	13.1	18.2	29.9	52.5	88.3	143.7
-12.5°	4.1	5.5	7.0	8.5	10.5	13.5	19.1	32.2	57.5	97.5	157.1
-15°	4.1	5.5	7.0	8.5	10.6	13.9	19.9	34.1	62.2	105.7	168.1
-17.5°	4.1	5.5	7.1	8.5	10.7	14.2	20.5	36.2	66.9	112.5	176.6
-20°	4.1	5.5	7.1	8.6	10.8	14.4	21.2	38.2	70.4	117.5	182.4



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.1	5.5	7.1	8.6	10.8	14.6	21.9	39.4	72.4	120.8	185.4
-25°	4.1	5.5	7.1	8.6	10.9	14.7	22.2	39.7	73.1	122.2	185.2
-27.5°	4.1	5.5	7.1	8.6	10.8	14.8	22.2	38.9	72.2	122.1	186.1
-30°	4.1	5.5	7.1	8.6	10.8	14.8	21.7	37.1	70.9	120.9	184.6
-32.5°	4.1	5.5	7.1	8.6	10.8	14.7	20.8	36.1	68.8	117.6	180.4
-35°	4.1	5.5	7.1	8.6	10.7	14.5	20.3	35.0	65.1	112.0	173.5
-37.5°	4.1	5.5	7.0	8.5	10.6	14.2	20.0	33.2	59.9	104.2	162.5
-40°	4.1	5.4	7.0	8.5	10.5	14.1	19.6	30.7	53.0	96.2	149.6
-42.5°	4.1	5.4	7.0	8.4	10.4	13.9	19.0	27.5	47.9	85.7	134.4
-45°	4.1	5.4	6.9	8.4	10.3	13.6	18.3	24.9	43.3	73.5	117.3
-47.5°	4.1	5.3	6.9	8.4	10.3	13.2	17.4	23.9	37.9	60.0	101.8
-50°	4.1	5.3	6.9	8.3	10.2	12.8	16.8	22.7	31.4	52.4	84.6
-52.5°	4.1	5.2	6.8	8.2	10.1	12.3	16.2	21.3	28.1	44.0	66.6
-55°	4.1	5.2	6.7	8.1	9.9	12.1	15.5	19.8	26.2	34.8	55.9
-57.5°	4.1	5.1	6.7	8.0	9.8	11.8	14.6	18.8	24.1	30.7	44.2
-60°	4.1	5.1	6.6	7.9	9.6	11.6	13.8	17.6	22.1	28.1	34.8
-62.5°	4.1	5.0	6.4	7.7	9.3	11.3	13.4	16.5	20.7	25.3	31.5
-65°	4.1	4.9	6.3	7.5	9.0	10.9	12.9	15.4	19.3	23.4	28.0
-67.5°	4.1	4.8	6.1	7.3	8.7	10.5	12.5	14.8	17.9	21.8	25.6
-70°	4.1	4.8	5.9	7.1	8.3	9.9	11.9	14.1	16.9	20.1	23.8
-72.5°	4.1	4.7	5.7	6.8	7.9	9.3	11.1	13.4	15.8	18.7	21.8
-75°	4.1	4.6	5.5	6.6	7.5	8.7	10.2	12.4	14.7	17.1	19.9
-77.5°	4.1	4.5	5.3	6.3	7.1	8.0	9.2	11.3	13.4	15.6	17.8
-80°	4.1	4.4	5.0	6.0	6.8	7.5	8.2	10.1	12.2	14.2	16.2
-82.5°	4.1	4.4	4.8	5.7	6.5	7.2	7.8	9.2	10.9	12.7	14.6
-85°	4.1	4.3	4.6	5.4	6.1	6.8	7.5	8.6	10.0	11.4	12.9
-87.5°	4.1	4.2	4.3	5.1	5.8	6.5	7.1	8.1	9.1	10.1	11.2
-90°	4.1	4.1	4.1	3.8	3.4	3.1	2.7	2.7	2.7	2.7	2.7



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.5	9.5	9.5	9.5	9.9	10.2	10.6	10.9	11.2	11.6	11.9
87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.4	1.4	1.4	1.4
85°	2.7	2.7	2.7	2.7	2.5	2.2	2.1	1.9	1.9	1.8	1.6
82.5°	3.1	3.1	2.9	2.7	2.6	2.7	2.7	2.7	2.5	2.3	2.1
80°	3.6	3.4	3.2	3.1	3.2	3.1	3.0	2.8	2.7	2.8	2.9
77.5°	3.9	3.8	3.8	3.9	3.8	3.6	3.5	3.5	3.6	3.8	4.0
75°	4.0	4.1	4.2	4.2	4.0	4.0	4.1	4.4	4.5	4.5	4.4
72.5°	4.3	4.5	4.4	4.3	4.4	4.7	5.0	5.3	5.9	6.7	7.4
70°	4.8	4.9	4.8	4.9	5.1	5.7	6.9	8.4	9.9	11.6	14.1
67.5°	5.3	5.2	5.2	5.6	6.5	7.8	9.5	15.0	21.2	23.9	24.7
65°	5.4	5.4	5.9	6.8	8.0	12.3	18.3	25.6	32.6	33.4	32.2
62.5°	5.5	6.0	6.9	8.8	12.8	18.6	25.1	32.1	40.0	40.3	35.3
60°	6.1	6.7	8.8	12.6	17.3	22.5	29.6	35.3	41.8	44.8	34.2
57.5°	6.8	8.0	11.4	16.0	20.7	24.6	28.4	34.3	37.7	38.3	28.2
55°	7.9	9.7	14.0	19.2	22.7	21.9	25.0	28.2	29.5	27.5	19.6
52.5°	9.5	11.7	17.1	21.6	22.4	20.5	20.5	22.0	20.5	17.6	15.4
50°	11.0	15.0	20.0	22.9	22.3	19.5	16.5	16.2	15.6	14.7	13.2
47.5°	13.5	18.2	22.5	24.2	21.4	18.6	15.0	14.5	14.5	13.9	12.7
45°	16.2	20.7	25.1	23.5	20.9	18.1	16.7	14.9	14.9	15.1	15.9
42.5°	18.7	22.8	25.0	22.9	21.1	20.4	20.0	17.8	17.7	21.4	22.7
40°	20.4	24.6	25.0	24.6	22.8	24.6	25.2	25.4	26.4	30.4	32.3
37.5°	21.9	25.2	26.7	29.3	27.5	30.5	31.9	46.7	48.5	40.9	56.2
35°	23.0	26.4	33.3	40.6	43.0	38.2	57.6	78.0	85.0	80.4	97.7
32.5°	24.3	28.2	42.1	59.7	75.8	71.7	90.6	125.9	148.3	159.8	173.6
30°	26.7	36.4	55.8	84.0	125.7	150.7	152.1	189.5	230.9	304.4	370.7
27.5°	30.9	47.2	79.2	130.2	194.4	246.6	256.4	280.5	375.2	514.2	689.2
25°	35.7	73.4	106.0	192.9	287.5	346.3	363.4	404.4	568.7	887.6	1060.4
22.5°	49.0	108.4	151.3	266.0	391.9	442.7	478.3	627.6	924.3	1345.7	1475.5
20°	74.2	148.8	207.7	328.7	497.4	537.9	591.5	911.6	1387.2	1738.1	1914.5
17.5°	103.8	189.6	264.0	390.6	539.1	614.1	727.5	1236.8	1865.3	2117.4	2300.9
15°	137.0	230.4	312.9	445.2	576.0	664.7	940.7	1614.8	2269.8	2478.3	2657.9
12.5°	172.4	270.9	355.0	492.5	612.4	711.7	1134.7	1880.6	2464.3	2759.2	2990.5
10°	208.9	310.7	391.0	533.1	647.7	755.0	1316.4	2108.4	2562.5	2806.7	3062.1
7.5°	231.6	336.0	418.7	567.2	681.4	794.4	1481.0	2297.9	2630.2	2821.6	3010.8
5°	248.5	344.7	425.7	582.5	706.7	823.4	1605.0	2448.7	2673.2	2810.3	2921.3
2.5°	261.4	350.6	430.4	590.9	725.6	838.0	1616.8	2472.4	2660.1	2788.8	2865.5
0°	270.0	354.1	432.8	594.3	740.8	848.0	1592.9	2459.9	2630.9	2763.8	2853.4
-2.5°	279.5	364.4	452.3	604.8	742.2	848.3	1570.2	2435.5	2659.9	2838.4	2987.1
-5°	285.2	372.7	469.0	611.2	739.7	844.9	1519.1	2373.1	2656.3	2844.3	3026.6
-7.5°	287.9	379.1	481.9	613.0	729.1	828.7	1432.2	2223.9	2544.5	2720.4	2946.0
-10°	288.9	387.3	488.0	603.5	708.5	803.4	1316.5	2051.6	2429.0	2590.0	2827.2
-12.5°	291.6	397.0	491.8	594.0	687.5	775.3	1175.1	1862.8	2312.7	2454.3	2695.8
-15°	291.6	404.8	494.5	585.8	667.2	744.8	1009.0	1663.2	2249.2	2479.1	2677.6
-17.5°	289.2	410.8	496.5	580.0	648.5	712.2	825.4	1485.0	2209.1	2532.7	2728.5
-20°	284.6	415.0	498.3	577.7	632.8	697.1	787.0	1286.4	2005.3	2557.0	2796.1



REPORT NUMBER: P1305689 (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°	277.9	417.4	499.9	575.9	637.9	698.7	774.3	1061.2	1722.2	2553.9	2798.1
-25°	274.8	405.6	499.6	575.5	645.5	701.8	759.4	847.0	1417.9	2190.5	2723.9
-27.5°	273.5	392.2	491.0	569.9	652.4	706.8	756.7	827.7	1126.8	1755.2	2572.0
-30°	268.2	370.1	478.6	558.5	645.5	712.6	761.6	806.6	889.0	1380.3	2060.0
-32.5°	255.9	346.9	454.9	542.0	629.0	717.9	763.4	802.2	862.9	1008.3	1560.4
-35°	241.5	328.5	426.9	520.8	606.0	699.5	760.5	801.2	841.1	911.5	1161.7
-37.5°	228.4	307.4	398.4	493.1	578.6	666.4	754.0	797.0	837.2	887.5	982.8
-40°	212.9	283.5	371.4	461.4	546.9	631.5	716.4	791.1	831.5	896.8	959.7
-42.5°	194.9	263.5	342.5	428.9	510.7	593.7	676.8	756.8	840.5	906.2	969.0
-45°	175.2	240.7	311.7	390.3	470.6	551.6	632.4	715.6	816.5	916.4	979.5
-47.5°	152.8	215.2	282.7	347.7	425.1	504.4	583.6	670.7	770.8	875.1	987.6
-50°	129.1	186.7	248.4	308.1	373.9	451.0	528.8	616.5	710.6	811.6	917.6
-52.5°	107.4	155.2	210.8	268.6	326.0	390.3	468.1	551.3	639.5	734.5	827.0
-55°	83.8	126.1	170.2	224.5	280.8	335.4	398.7	476.7	557.9	643.9	727.5
-57.5°	66.1	95.9	133.2	176.3	229.2	284.4	338.9	397.9	469.8	545.7	615.3
-60°	51.6	71.2	98.3	133.6	172.7	223.4	277.3	330.7	386.4	441.9	501.9
-62.5°	38.3	53.3	70.7	93.6	126.4	161.0	205.9	255.7	307.4	353.5	397.1
-65°	34.0	38.4	50.3	66.2	82.4	111.0	142.7	176.0	219.2	259.7	299.2
-67.5°	29.4	33.6	37.5	43.5	57.7	71.9	86.0	113.6	142.5	168.4	196.0
-70°	26.7	29.1	32.5	35.9	39.1	45.1	57.4	69.6	81.1	95.2	116.9
-72.5°	24.2	26.1	28.2	30.6	33.5	36.3	39.2	42.1	49.3	58.9	67.5
-75°	21.7	23.0	24.5	26.4	28.4	30.4	32.4	34.8	37.3	40.0	42.8
-77.5°	19.2	20.3	21.3	22.3	23.6	25.3	27.0	28.6	30.2	31.7	33.1
-80°	17.0	17.6	18.4	19.2	20.1	21.0	22.1	23.1	24.3	25.5	26.8
-82.5°	15.1	15.6	16.0	16.5	16.9	17.3	17.8	18.4	19.1	19.8	20.6
-85°	13.3	13.6	13.9	14.2	14.5	14.7	15.0	15.3	15.5	15.7	15.9
-87.5°	11.4	11.5	11.7	11.9	12.1	12.4	12.6	12.8	13.0	13.1	13.2
-90°	2.4	2.1	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.6	14.9	14.9	14.9
87.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.0	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	2.0	1.9	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.4	1.4	1.4
77.5°	4.1	3.8	3.5	3.1	2.8	2.6	2.5	2.5	2.5	2.5	2.6
75°	4.2	4.1	4.3	4.3	4.0	3.9	3.7	3.3	2.8	2.7	2.7
72.5°	8.1	8.4	8.2	8.0	7.4	6.8	6.6	6.3	6.0	5.9	5.8
70°	15.4	15.5	14.9	13.5	11.5	10.1	9.5	8.9	8.1	8.0	8.4
67.5°	23.4	21.4	19.6	17.3	14.5	12.6	11.9	11.2	10.5	10.2	10.1
65°	28.9	22.7	19.4	17.1	15.8	14.2	12.7	11.2	9.7	8.8	8.5
62.5°	28.6	20.0	16.1	14.3	12.9	11.9	10.4	9.1	7.9	7.2	7.0
60°	24.8	16.7	12.4	11.2	10.2	9.5	8.7	7.9	7.2	6.8	6.8
57.5°	19.4	12.9	9.5	9.3	8.9	8.4	7.9	7.5	7.1	6.8	7.1
55°	14.1	11.3	9.6	9.4	9.1	8.6	8.0	7.9	7.8	7.6	8.2
52.5°	12.3	11.2	10.7	10.4	9.9	9.5	9.4	9.4	9.5	9.8	10.0
50°	12.1	11.6	11.3	10.8	10.7	10.8	10.8	11.2	11.6	11.7	11.7
47.5°	12.5	12.4	12.8	12.0	12.3	13.2	13.4	13.7	14.7	14.9	14.9
45°	14.8	16.7	17.2	17.1	16.7	21.8	22.8	20.9	28.7	27.6	21.5
42.5°	22.7	25.2	26.7	31.6	38.8	43.6	56.3	77.3	69.2	52.1	33.6
40°	39.0	38.3	45.6	54.7	60.0	69.9	85.5	105.6	97.4	82.7	88.3
37.5°	68.7	69.5	72.0	83.8	88.1	77.3	100.1	98.4	83.4	106.7	109.5
35°	126.1	139.4	118.4	144.2	150.3	141.1	149.4	165.3	143.0	172.9	182.5
32.5°	226.8	249.9	250.8	256.9	278.2	298.8	304.6	347.5	361.4	397.5	436.3
30°	362.3	405.0	441.3	451.1	479.7	530.5	572.5	655.1	743.4	809.8	897.0
27.5°	653.0	614.4	695.2	793.7	762.3	836.3	987.9	1107.0	1283.0	1409.8	1478.2
25°	1056.2	993.4	1140.8	1290.9	1291.2	1303.8	1523.0	1714.1	1858.2	1972.5	2072.9
22.5°	1532.1	1610.3	1742.5	1916.8	1825.9	1908.8	2126.4	2281.6	2483.5	2681.3	3274.2
20°	2065.4	2223.7	2332.5	2306.4	2302.4	2443.3	2634.7	2934.2	3544.8	5697.5	7753.2
17.5°	2535.2	2727.6	2718.1	2608.6	2660.5	2896.9	3244.3	4407.1	7492.0	14483.5	21026.6
15°	2899.6	2985.3	2929.0	2863.5	2979.5	3333.6	4202.5	7962.8	17324.1	28520.2	41299.6
12.5°	3143.1	3109.5	2961.5	2972.2	3247.9	3745.4	6698.7	15499.4	29035.5	44935.5	77065.3
10°	3237.2	3145.1	3015.6	3135.4	3511.5	4708.9	9009.7	21520.3	41985.3	75041.9	118348.7
7.5°	3173.1	3094.6	3058.1	3269.7	3770.4	6236.2	14005.3	30438.7	60182.2	102811.1	163754.8
5°	3131.7	3079.2	3087.1	3357.9	3934.0	7359.3	17535.9	36049.3	74650.3	129665.5	207199.1
2.5°	3129.2	3098.0	3111.8	3419.2	4026.3	7934.2	19524.7	36983.6	79732.4	144272.7	242746.6
0°	3162.7	3142.4	3130.2	3431.4	3982.3	7371.6	18732.2	38484.7	83219.0	150863.0	258190.0
-2.5°	3319.0	3152.4	3145.4	3430.7	4030.9	7790.0	19196.1	37966.3	81960.6	144772.1	241623.3
-5°	3281.6	3093.3	3063.2	3302.7	3863.0	7015.0	16805.5	35062.9	71993.8	123100.4	199154.3
-7.5°	3133.3	3007.5	2954.0	3144.6	3631.9	5887.9	13032.9	27682.6	54212.7	92788.5	143511.5
-10°	3012.8	2929.7	2850.7	2982.6	3353.0	4499.6	8308.3	18571.4	36876.0	63098.1	92146.2
-12.5°	2949.4	2910.1	2767.7	2804.5	3063.3	3571.9	5813.4	12553.0	23093.6	34263.0	55971.0
-15°	2904.5	2874.7	2741.4	2732.5	2877.1	3177.7	3829.7	6511.3	12914.2	20955.1	29571.7
-17.5°	2863.9	2853.0	2782.4	2705.7	2723.7	2898.0	3257.0	4209.2	6604.3	11715.4	17284.8
-20°	2883.5	2889.8	2835.8	2755.8	2727.2	2749.7	2936.2	3264.3	3871.0	5937.3	8460.4



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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°	2877.3	2895.7	2881.3	2887.0	2852.6	2800.2	2763.2	2906.5	3136.0	3503.4	4436.7
-25°	2876.7	2902.1	3009.8	3147.8	3133.4	3008.2	2877.2	2763.6	2895.0	3053.8	3285.4
-27.5°	2834.1	2998.8	3267.1	3470.5	3528.8	3391.7	3208.3	3017.6	2996.6	2991.6	3080.7
-30°	2820.1	3174.0	3490.5	3780.4	3821.3	3752.1	3667.2	3531.3	3385.4	3304.7	3261.6
-32.5°	2394.5	3251.3	3638.3	3899.1	3963.7	3960.6	3979.7	3915.2	3869.7	3817.5	3743.7
-35°	1817.9	2717.1	3664.4	3784.7	3889.7	3983.4	4108.8	4140.9	4166.2	4195.1	4220.8
-37.5°	1269.5	1970.3	2757.5	3444.2	3662.4	3825.4	4047.5	4210.4	4346.0	4413.2	4494.0
-40°	1051.6	1245.4	1855.1	2435.6	3007.5	3534.9	3774.1	4051.8	4311.4	4455.7	4587.7
-42.5°	1030.0	1099.0	1172.3	1577.1	2061.1	2559.0	3048.1	3491.5	3963.8	4278.8	4510.5
-45°	1037.0	1071.8	1114.6	1185.7	1261.5	1641.5	2051.3	2469.6	2985.8	3490.2	3930.5
-47.5°	1036.1	1067.9	1101.7	1136.2	1181.4	1252.3	1325.1	1443.5	1809.6	2196.6	2571.2
-50°	1000.2	1064.8	1096.4	1128.5	1161.4	1196.5	1233.3	1285.2	1347.2	1405.2	1452.2
-52.5°	909.6	985.7	1058.9	1120.1	1150.3	1181.1	1213.8	1257.1	1297.7	1335.8	1355.6
-55°	807.2	883.0	957.1	1022.9	1085.0	1144.8	1200.3	1240.0	1280.6	1321.9	1338.8
-57.5°	689.4	765.9	839.4	900.8	962.8	1024.8	1082.4	1137.5	1192.7	1244.8	1274.0
-60°	564.1	628.0	693.8	756.7	817.0	874.3	927.9	980.2	1030.3	1074.1	1101.7
-62.5°	441.0	491.3	546.9	601.5	654.4	705.5	754.9	802.0	846.5	883.9	909.9
-65°	337.6	375.1	413.4	452.8	493.0	537.0	578.5	617.7	654.5	684.9	707.6
-67.5°	229.3	261.8	292.7	321.9	351.4	382.5	414.0	443.6	471.2	493.6	511.2
-70°	137.8	158.1	177.7	198.7	222.4	245.1	267.3	288.3	308.0	323.3	334.9
-72.5°	75.1	82.4	92.2	108.3	123.2	137.0	149.7	161.1	171.3	179.8	186.8
-75°	45.7	49.4	55.4	61.1	66.6	71.9	76.9	81.5	85.7	89.2	92.2
-77.5°	35.0	37.0	38.9	40.7	42.3	44.1	45.9	47.6	49.2	50.5	51.8
-80°	27.9	29.1	30.1	31.2	32.2	33.3	34.4	35.5	36.6	37.4	38.0
-82.5°	21.3	22.4	23.4	24.3	25.2	25.8	26.4	27.1	27.7	28.2	28.8
-85°	16.2	16.9	17.7	18.5	19.3	19.6	19.8	20.0	20.1	20.5	20.9
-87.5°	13.3	13.7	14.1	14.4	14.8	15.1	15.5	15.9	16.3	16.6	16.9
-90°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1305689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.6
87.5°	0.3	0.0	0.7	1.4	0.7	0.0	0.3	0.7	1.0	1.4	1.3
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
77.5°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5
75°	2.7	2.7	3.4	4.1	3.4	2.7	2.7	2.7	2.7	2.8	3.3
72.5°	5.6	5.4	5.4	5.4	5.4	5.4	5.6	5.8	5.9	6.0	6.3
70°	8.9	9.3	9.5	9.5	9.5	9.3	8.9	8.4	8.0	8.1	8.9
67.5°	9.9	9.6	8.3	6.8	8.3	9.6	9.9	10.1	10.2	10.5	11.2
65°	8.3	8.2	7.5	6.8	7.5	8.2	8.3	8.5	8.8	9.7	11.2
62.5°	6.9	6.9	6.8	6.8	6.8	6.9	6.9	7.0	7.2	7.9	9.1
60°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.2	7.9
57.5°	7.5	7.9	8.1	8.1	8.1	7.9	7.5	7.1	6.8	7.1	7.5
55°	8.7	9.3	9.5	9.5	9.5	9.3	8.7	8.2	7.6	7.8	7.9
52.5°	9.9	9.7	10.0	10.9	10.0	9.7	9.9	10.0	9.8	9.5	9.4
50°	11.9	12.0	12.2	12.2	12.2	12.0	11.9	11.7	11.7	11.6	11.2
47.5°	15.0	14.9	14.8	14.9	14.8	14.9	15.0	14.9	14.9	14.7	13.7
45°	22.2	22.7	23.3	24.4	23.3	22.7	22.2	21.5	27.6	28.7	20.9
42.5°	35.2	35.9	36.3	36.6	36.3	35.9	35.2	33.6	52.1	69.2	77.3
40°	83.7	66.6	49.8	50.2	49.8	66.6	83.7	88.3	82.7	97.4	105.6
37.5°	96.2	87.5	84.0	82.8	84.0	87.5	96.2	109.5	106.7	83.4	98.4
35°	182.3	185.4	181.2	183.2	181.2	185.4	182.3	182.5	172.9	143.0	165.3
32.5°	448.7	466.9	460.5	462.7	460.5	466.9	448.7	436.3	397.5	361.4	347.5
30°	932.2	988.1	1000.9	997.3	1000.9	988.1	932.2	897.0	809.8	743.4	655.1
27.5°	1505.8	1550.2	1559.3	1550.8	1559.3	1550.2	1505.8	1478.2	1409.8	1283.0	1107.0
25°	2128.3	2170.6	2194.5	2183.1	2194.5	2170.6	2128.3	2072.9	1972.5	1858.2	1714.1
22.5°	3960.6	4152.9	4246.6	4374.4	4246.6	4152.9	3960.6	3274.2	2681.3	2483.5	2281.6
20°	11680.6	13008.4	12756.8	12482.7	12756.8	13008.4	11680.6	7753.2	5697.5	3544.8	2934.2
17.5°	29156.4	35684.9	38793.7	37528.2	38793.7	35684.9	29156.4	21026.6	14483.5	7492.0	4407.1
15°	59633.3	77874.3	88539.6	85692.5	88539.6	77874.3	59633.3	41299.6	28520.2	17324.1	7962.8
12.5°	108026.2	137016.5	159225.8	162404.9	159225.8	137016.5	108026.2	77065.3	44935.5	29035.5	15499.4
10°	169888.2	223459.5	267608.0	282022.5	267608.0	223459.5	169888.2	118348.7	75041.9	41985.3	21520.3
7.5°	243624.6	315138.8	366054.3	380206.5	366054.3	315138.8	243624.6	163754.8	102811.1	60182.2	30438.7
5°	302762.4	385065.5	441448.5	458766.8	441448.5	385065.5	302762.4	207199.1	129665.5	74650.3	36049.3
2.5°	347058.2	433386.6	496259.7	524988.3	496259.7	433386.6	347058.2	242746.6	144272.7	79732.4	36983.6
0°	364217.7	451212.1	521714.9	562542.9	521714.9	451212.1	364217.7	258190.0	150863.0	83219.0	38484.7
-2.5°	347431.9	428312.2	482604.1	509376.7	482604.1	428312.2	347431.9	241623.3	144772.1	81960.6	37966.3
-5°	289248.3	360816.7	407636.0	426537.0	407636.0	360816.7	289248.3	199154.3	123100.4	71993.8	35062.9
-7.5°	207253.4	266002.4	300901.1	316826.8	300901.1	266002.4	207253.4	143511.5	92788.5	54212.7	27682.6
-10°	134650.5	167168.9	202356.2	209887.3	202356.2	167168.9	134650.5	92146.2	63098.1	36876.0	18571.4
-12.5°	75858.8	96378.4	113866.5	120178.0	113866.5	96378.4	75858.8	55971.0	34263.0	23093.6	12553.0
-15°	41042.1	52733.3	59032.7	60581.9	59032.7	52733.3	41042.1	29571.7	20955.1	12914.2	6511.3
-17.5°	23563.6	29179.8	32393.4	33868.9	32393.4	29179.8	23563.6	17284.8	11715.4	6604.3	4209.2
-20°	12591.8	15760.7	17570.0	18901.8	17570.0	15760.7	12591.8	8460.4	5937.3	3871.0	3264.3



REPORT NUMBER: P1305689 (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°	5783.6	6760.3	7312.2	7936.0	7312.2	6760.3	5783.6	4436.7	3503.4	3136.0	2906.5
-25°	3486.5	3617.9	3697.1	3761.1	3697.1	3617.9	3486.5	3285.4	3053.8	2895.0	2763.6
-27.5°	3157.2	3200.2	3225.0	3250.9	3225.0	3200.2	3157.2	3080.7	2991.6	2996.6	3017.6
-30°	3224.5	3180.9	3165.8	3149.2	3165.8	3180.9	3224.5	3261.6	3304.7	3385.4	3531.3
-32.5°	3669.5	3584.8	3539.3	3496.5	3539.3	3584.8	3669.5	3743.7	3817.5	3869.7	3915.2
-35°	4210.9	4172.8	4152.7	4127.4	4152.7	4172.8	4210.9	4220.8	4195.1	4166.2	4140.9
-37.5°	4507.5	4500.9	4499.7	4487.0	4499.7	4500.9	4507.5	4494.0	4413.2	4346.0	4210.4
-40°	4603.0	4600.4	4593.8	4587.4	4593.8	4600.4	4603.0	4587.7	4455.7	4311.4	4051.8
-42.5°	4572.2	4613.2	4632.9	4633.5	4632.9	4613.2	4572.2	4510.5	4278.8	3963.8	3491.5
-45°	4211.0	4419.7	4541.1	4573.8	4541.1	4419.7	4211.0	3930.5	3490.2	2985.8	2469.6
-47.5°	2904.7	3199.0	3425.8	3568.4	3425.8	3199.0	2904.7	2571.2	2196.6	1809.6	1443.5
-50°	1493.2	1531.4	1570.1	1607.8	1570.1	1531.4	1493.2	1452.2	1405.2	1347.2	1285.2
-52.5°	1371.5	1387.5	1397.4	1402.9	1397.4	1387.5	1371.5	1355.6	1335.8	1297.7	1257.1
-55°	1354.2	1368.9	1376.2	1378.5	1376.2	1368.9	1354.2	1338.8	1321.9	1280.6	1240.0
-57.5°	1299.1	1319.8	1332.1	1337.8	1332.1	1319.8	1299.1	1274.0	1244.8	1192.7	1137.5
-60°	1124.8	1143.2	1155.6	1162.8	1155.6	1143.2	1124.8	1101.7	1074.1	1030.3	980.2
-62.5°	931.5	948.6	958.2	962.0	958.2	948.6	931.5	909.9	883.9	846.5	802.0
-65°	726.3	741.1	756.1	768.0	756.1	741.1	726.3	707.6	684.9	654.5	617.7
-67.5°	526.1	538.0	551.2	561.7	551.2	538.0	526.1	511.2	493.6	471.2	443.6
-70°	343.9	350.5	361.2	370.4	361.2	350.5	343.9	334.9	323.3	308.0	288.3
-72.5°	192.4	196.6	204.6	211.7	204.6	196.6	192.4	186.8	179.8	171.3	161.1
-75°	94.7	96.6	97.4	97.7	97.4	96.6	94.7	92.2	89.2	85.7	81.5
-77.5°	52.9	54.0	54.2	54.3	54.2	54.0	52.9	51.8	50.5	49.2	47.6
-80°	38.6	39.1	40.0	40.7	40.0	39.1	38.6	38.0	37.4	36.6	35.5
-82.5°	29.3	29.7	29.8	29.8	29.8	29.7	29.3	28.8	28.2	27.7	27.1
-85°	21.3	21.7	21.7	21.7	21.7	21.7	21.3	20.9	20.5	20.1	20.0
-87.5°	17.3	17.6	17.6	17.6	17.6	17.6	17.3	16.9	16.6	16.3	15.9
-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°	14.3	13.9	13.6	13.3	12.9	12.6	12.2	11.9	11.6	11.2	10.9
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.8	1.9	1.9
82.5°	1.4	1.4	1.4	1.6	1.8	1.9	2.0	2.1	2.3	2.5	2.7
80°	1.9	2.1	2.3	2.5	2.7	2.9	3.1	2.9	2.8	2.7	2.8
77.5°	2.5	2.6	2.8	3.1	3.5	3.8	4.1	4.0	3.8	3.6	3.5
75°	3.7	3.9	4.0	4.3	4.3	4.1	4.2	4.4	4.5	4.5	4.4
72.5°	6.6	6.8	7.4	8.0	8.2	8.4	8.1	7.4	6.7	5.9	5.3
70°	9.5	10.1	11.5	13.5	14.9	15.5	15.4	14.1	11.6	9.9	8.4
67.5°	11.9	12.6	14.5	17.3	19.6	21.4	23.4	24.7	23.9	21.2	15.0
65°	12.7	14.2	15.8	17.1	19.4	22.7	28.9	32.2	33.4	32.6	25.6
62.5°	10.4	11.9	12.9	14.3	16.1	20.0	28.6	35.3	40.3	40.0	32.1
60°	8.7	9.5	10.2	11.2	12.4	16.7	24.8	34.2	44.8	41.8	35.3
57.5°	7.9	8.4	8.9	9.3	9.5	12.9	19.4	28.2	38.3	37.7	34.3
55°	8.0	8.6	9.1	9.4	9.6	11.3	14.1	19.6	27.5	29.5	28.2
52.5°	9.4	9.5	9.9	10.4	10.7	11.2	12.3	15.4	17.6	20.5	22.0
50°	10.8	10.8	10.7	10.8	11.3	11.6	12.1	13.2	14.7	15.6	16.2
47.5°	13.4	13.2	12.3	12.0	12.8	12.4	12.5	12.7	13.9	14.5	14.5
45°	22.8	21.8	16.7	17.1	17.2	16.7	14.8	15.9	15.1	14.9	14.9
42.5°	56.3	43.6	38.8	31.6	26.7	25.2	22.7	22.7	21.4	17.7	17.8
40°	85.5	69.9	60.0	54.7	45.6	38.3	39.0	32.3	30.4	26.4	25.4
37.5°	100.1	77.3	88.1	83.8	72.0	69.5	68.7	56.2	40.9	48.5	46.7
35°	149.4	141.1	150.3	144.2	118.4	139.4	126.1	97.7	80.4	85.0	78.0
32.5°	304.6	298.8	278.2	256.9	250.8	249.9	226.8	173.6	159.8	148.3	125.9
30°	572.5	530.5	479.7	451.1	441.3	405.0	362.3	370.7	304.4	230.9	189.5
27.5°	987.9	836.3	762.3	793.7	695.2	614.4	653.0	689.2	514.2	375.2	280.5
25°	1523.0	1303.8	1291.2	1290.9	1140.8	993.4	1056.2	1060.4	887.6	568.7	404.4
22.5°	2126.4	1908.8	1825.9	1916.8	1742.5	1610.3	1532.1	1475.5	1345.7	924.3	627.6
20°	2634.7	2443.3	2302.4	2306.4	2332.5	2223.7	2065.4	1914.5	1738.1	1387.2	911.6
17.5°	3244.3	2896.9	2660.5	2608.6	2718.1	2727.6	2535.2	2300.9	2117.4	1865.3	1236.8
15°	4202.5	3333.6	2979.5	2863.5	2929.0	2985.3	2899.6	2657.9	2478.3	2269.8	1614.8
12.5°	6698.7	3745.4	3247.9	2972.2	2961.5	3109.5	3143.1	2990.5	2759.2	2464.3	1880.6
10°	9009.7	4708.9	3511.5	3135.4	3015.6	3145.1	3237.2	3062.1	2806.7	2562.5	2108.4
7.5°	14005.3	6236.2	3770.4	3269.7	3058.1	3094.6	3173.1	3010.8	2821.6	2630.2	2297.9
5°	17535.9	7359.3	3934.0	3357.9	3087.1	3079.2	3131.7	2921.3	2810.3	2673.2	2448.7
2.5°	19524.7	7934.2	4026.3	3419.2	3111.8	3098.0	3129.2	2865.5	2788.8	2660.1	2472.4
0°	18732.2	7371.6	3982.3	3431.4	3130.2	3142.4	3162.7	2853.4	2763.8	2630.9	2459.9
-2.5°	19196.1	7790.0	4030.9	3430.7	3145.4	3152.4	3319.0	2987.1	2838.4	2659.9	2435.5
-5°	16805.5	7015.0	3863.0	3302.7	3063.2	3093.3	3281.6	3026.6	2844.3	2656.3	2373.1
-7.5°	13032.9	5887.9	3631.9	3144.6	2954.0	3007.5	3133.3	2946.0	2720.4	2544.5	2223.9
-10°	8308.3	4499.6	3353.0	2982.6	2850.7	2929.7	3012.8	2827.2	2590.0	2429.0	2051.6
-12.5°	5813.4	3571.9	3063.3	2804.5	2767.7	2910.1	2949.4	2695.8	2454.3	2312.7	1862.8
-15°	3829.7	3177.7	2877.1	2732.5	2741.4	2874.7	2904.5	2677.6	2479.1	2249.2	1663.2
-17.5°	3257.0	2898.0	2723.7	2705.7	2782.4	2853.0	2863.9	2728.5	2532.7	2209.1	1485.0
-20°	2936.2	2749.7	2727.2	2755.8	2835.8	2889.8	2883.5	2796.1	2557.0	2005.3	1286.4



REPORT NUMBER: P1305689 (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°	2763.2	2800.2	2852.6	2887.0	2881.3	2895.7	2877.3	2798.1	2553.9	1722.2	1061.2
-25°	2877.2	3008.2	3133.4	3147.8	3009.8	2902.1	2876.7	2723.9	2190.5	1417.9	847.0
-27.5°	3208.3	3391.7	3528.8	3470.5	3267.1	2998.8	2834.1	2572.0	1755.2	1126.8	827.7
-30°	3667.2	3752.1	3821.3	3780.4	3490.5	3174.0	2820.1	2060.0	1380.3	889.0	806.6
-32.5°	3979.7	3960.6	3963.7	3899.1	3638.3	3251.3	2394.5	1560.4	1008.3	862.9	802.2
-35°	4108.8	3983.4	3889.7	3784.7	3664.4	2717.1	1817.9	1161.7	911.5	841.1	801.2
-37.5°	4047.5	3825.4	3662.4	3444.2	2757.5	1970.3	1269.5	982.8	887.5	837.2	797.0
-40°	3774.1	3534.9	3007.5	2435.6	1855.1	1245.4	1051.6	959.7	896.8	831.5	791.1
-42.5°	3048.1	2559.0	2061.1	1577.1	1172.3	1099.0	1030.0	969.0	906.2	840.5	756.8
-45°	2051.3	1641.5	1261.5	1185.7	1114.6	1071.8	1037.0	979.5	916.4	816.5	715.6
-47.5°	1325.1	1252.3	1181.4	1136.2	1101.7	1067.9	1036.1	987.6	875.1	770.8	670.7
-50°	1233.3	1196.5	1161.4	1128.5	1096.4	1064.8	1000.2	917.6	811.6	710.6	616.5
-52.5°	1213.8	1181.1	1150.3	1120.1	1058.9	985.7	909.6	827.0	734.5	639.5	551.3
-55°	1200.3	1144.8	1085.0	1022.9	957.1	883.0	807.2	727.5	643.9	557.9	476.7
-57.5°	1082.4	1024.8	962.8	900.8	839.4	765.9	689.4	615.3	545.7	469.8	397.9
-60°	927.9	874.3	817.0	756.7	693.8	628.0	564.1	501.9	441.9	386.4	330.7
-62.5°	754.9	705.5	654.4	601.5	546.9	491.3	441.0	397.1	353.5	307.4	255.7
-65°	578.5	537.0	493.0	452.8	413.4	375.1	337.6	299.2	259.7	219.2	176.0
-67.5°	414.0	382.5	351.4	321.9	292.7	261.8	229.3	196.0	168.4	142.5	113.6
-70°	267.3	245.1	222.4	198.7	177.7	158.1	137.8	116.9	95.2	81.1	69.6
-72.5°	149.7	137.0	123.2	108.3	92.2	82.4	75.1	67.5	58.9	49.3	42.1
-75°	76.9	71.9	66.6	61.1	55.4	49.4	45.7	42.8	40.0	37.3	34.8
-77.5°	45.9	44.1	42.3	40.7	38.9	37.0	35.0	33.1	31.7	30.2	28.6
-80°	34.4	33.3	32.2	31.2	30.1	29.1	27.9	26.8	25.5	24.3	23.1
-82.5°	26.4	25.8	25.2	24.3	23.4	22.4	21.3	20.6	19.8	19.1	18.4
-85°	19.8	19.6	19.3	18.5	17.7	16.9	16.2	15.9	15.7	15.5	15.3
-87.5°	15.5	15.1	14.8	14.4	14.1	13.7	13.3	13.2	13.1	13.0	12.8
-90°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.6	10.2	9.9	9.5	9.5	9.5	9.5	9.5	8.8	8.2	7.5
87.5°	1.6	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.0
85°	2.1	2.2	2.5	2.7	2.7	2.7	2.7	2.7	3.0	3.2	3.3
82.5°	2.7	2.7	2.6	2.7	2.9	3.1	3.1	3.1	3.3	3.5	3.7
80°	3.0	3.1	3.2	3.1	3.2	3.4	3.6	3.7	3.8	3.9	4.0
77.5°	3.5	3.6	3.8	3.9	3.8	3.8	3.9	4.2	4.4	4.4	4.5
75°	4.1	4.0	4.0	4.2	4.2	4.1	4.0	4.2	4.5	4.8	4.9
72.5°	5.0	4.7	4.4	4.3	4.4	4.5	4.3	4.2	4.5	4.9	5.2
70°	6.9	5.7	5.1	4.9	4.8	4.9	4.8	4.7	4.6	4.9	5.2
67.5°	9.5	7.8	6.5	5.6	5.2	5.2	5.3	5.3	5.1	4.9	5.2
65°	18.3	12.3	8.0	6.8	5.9	5.4	5.4	5.7	5.6	5.4	5.3
62.5°	25.1	18.6	12.8	8.8	6.9	6.0	5.5	5.9	6.1	5.9	5.6
60°	29.6	22.5	17.3	12.6	8.8	6.7	6.1	6.2	6.4	6.4	6.0
57.5°	28.4	24.6	20.7	16.0	11.4	8.0	6.8	6.7	6.8	6.8	6.4
55°	25.0	21.9	22.7	19.2	14.0	9.7	7.9	7.4	7.2	7.1	6.8
52.5°	20.5	20.5	22.4	21.6	17.1	11.7	9.5	8.0	7.8	7.6	7.2
50°	16.5	19.5	22.3	22.9	20.0	15.0	11.0	9.3	8.4	8.1	7.7
47.5°	15.0	18.6	21.4	24.2	22.5	18.2	13.5	10.5	9.0	8.6	8.1
45°	16.7	18.1	20.9	23.5	25.1	20.7	16.2	11.6	10.0	9.1	8.6
42.5°	20.0	20.4	21.1	22.9	25.0	22.8	18.7	13.7	10.9	9.6	9.1
40°	25.2	24.6	22.8	24.6	25.0	24.6	20.4	15.9	11.7	10.2	9.5
37.5°	31.9	30.5	27.5	29.3	26.7	25.2	21.9	17.9	13.0	11.1	10.0
35°	57.6	38.2	43.0	40.6	33.3	26.4	23.0	19.4	15.0	12.0	10.4
32.5°	90.6	71.7	75.8	59.7	42.1	28.2	24.3	21.1	16.8	12.9	10.8
30°	152.1	150.7	125.7	84.0	55.8	36.4	26.7	23.1	18.6	13.8	11.3
27.5°	256.4	246.6	194.4	130.2	79.2	47.2	30.9	25.3	20.3	14.9	12.0
25°	363.4	346.3	287.5	192.9	106.0	73.4	35.7	27.9	22.0	16.3	12.7
22.5°	478.3	442.7	391.9	266.0	151.3	108.4	49.0	31.8	24.0	17.6	13.4
20°	591.5	537.9	497.4	328.7	207.7	148.8	74.2	36.0	26.0	18.8	14.1
17.5°	727.5	614.1	539.1	390.6	264.0	189.6	103.8	40.4	28.1	20.0	14.8
15°	940.7	664.7	576.0	445.2	312.9	230.4	137.0	45.0	30.3	21.0	15.4
12.5°	1134.7	711.7	612.4	492.5	355.0	270.9	172.4	49.7	32.4	22.0	15.9
10°	1316.4	755.0	647.7	533.1	391.0	310.7	208.9	54.4	34.4	22.9	16.3
7.5°	1481.0	794.4	681.4	567.2	418.7	336.0	231.6	58.9	36.3	23.8	16.7
5°	1605.0	823.4	706.7	582.5	425.7	344.7	248.5	63.2	38.0	24.6	17.1
2.5°	1616.8	838.0	725.6	590.9	430.4	350.6	261.4	67.1	39.5	25.2	17.4
0°	1592.9	848.0	740.8	594.3	432.8	354.1	270.0	70.6	40.7	25.8	17.6
-2.5°	1570.2	848.3	742.2	604.8	452.3	364.4	279.5	90.8	53.7	33.1	21.0
-5°	1519.1	844.9	739.7	611.2	469.0	372.7	285.2	109.9	66.2	40.1	24.2
-7.5°	1432.2	828.7	729.1	613.0	481.9	379.1	287.9	127.7	77.8	46.6	27.2
-10°	1316.5	803.4	708.5	603.5	488.0	387.3	288.9	143.7	88.3	52.5	29.9
-12.5°	1175.1	775.3	687.5	594.0	491.8	397.0	291.6	157.1	97.5	57.5	32.2
-15°	1009.0	744.8	667.2	585.8	494.5	404.8	291.6	168.1	105.7	62.2	34.1
-17.5°	825.4	712.2	648.5	580.0	496.5	410.8	289.2	176.6	112.5	66.9	36.2
-20°	787.0	697.1	632.8	577.7	498.3	415.0	284.6	182.4	117.5	70.4	38.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	774.3	698.7	637.9	575.9	499.9	417.4	277.9	185.4	120.8	72.4	39.4
-25°	759.4	701.8	645.5	575.5	499.6	405.6	274.8	185.2	122.2	73.1	39.7
-27.5°	756.7	706.8	652.4	569.9	491.0	392.2	273.5	186.1	122.1	72.2	38.9
-30°	761.6	712.6	645.5	558.5	478.6	370.1	268.2	184.6	120.9	70.9	37.1
-32.5°	763.4	717.9	629.0	542.0	454.9	346.9	255.9	180.4	117.6	68.8	36.1
-35°	760.5	699.5	606.0	520.8	426.9	328.5	241.5	173.5	112.0	65.1	35.0
-37.5°	754.0	666.4	578.6	493.1	398.4	307.4	228.4	162.5	104.2	59.9	33.2
-40°	716.4	631.5	546.9	461.4	371.4	283.5	212.9	149.6	96.2	53.0	30.7
-42.5°	676.8	593.7	510.7	428.9	342.5	263.5	194.9	134.4	85.7	47.9	27.5
-45°	632.4	551.6	470.6	390.3	311.7	240.7	175.2	117.3	73.5	43.3	24.9
-47.5°	583.6	504.4	425.1	347.7	282.7	215.2	152.8	101.8	60.0	37.9	23.9
-50°	528.8	451.0	373.9	308.1	248.4	186.7	129.1	84.6	52.4	31.4	22.7
-52.5°	468.1	390.3	326.0	268.6	210.8	155.2	107.4	66.6	44.0	28.1	21.3
-55°	398.7	335.4	280.8	224.5	170.2	126.1	83.8	55.9	34.8	26.2	19.8
-57.5°	338.9	284.4	229.2	176.3	133.2	95.9	66.1	44.2	30.7	24.1	18.8
-60°	277.3	223.4	172.7	133.6	98.3	71.2	51.6	34.8	28.1	22.1	17.6
-62.5°	205.9	161.0	126.4	93.6	70.7	53.3	38.3	31.5	25.3	20.7	16.5
-65°	142.7	111.0	82.4	66.2	50.3	38.4	34.0	28.0	23.4	19.3	15.4
-67.5°	86.0	71.9	57.7	43.5	37.5	33.6	29.4	25.6	21.8	17.9	14.8
-70°	57.4	45.1	39.1	35.9	32.5	29.1	26.7	23.8	20.1	16.9	14.1
-72.5°	39.2	36.3	33.5	30.6	28.2	26.1	24.2	21.8	18.7	15.8	13.4
-75°	32.4	30.4	28.4	26.4	24.5	23.0	21.7	19.9	17.1	14.7	12.4
-77.5°	27.0	25.3	23.6	22.3	21.3	20.3	19.2	17.8	15.6	13.4	11.3
-80°	22.1	21.0	20.1	19.2	18.4	17.6	17.0	16.2	14.2	12.2	10.1
-82.5°	17.8	17.3	16.9	16.5	16.0	15.6	15.1	14.6	12.7	10.9	9.2
-85°	15.0	14.7	14.5	14.2	13.9	13.6	13.3	12.9	11.4	10.0	8.6
-87.5°	12.6	12.4	12.1	11.9	11.7	11.5	11.4	11.2	10.1	9.1	8.1
-90°	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	2.7	2.7	2.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.8	6.1	5.5	4.8	4.1	4.1	4.1
87.5°	3.1	3.3	3.5	3.8	4.1	4.1	4.1
85°	3.4	3.5	3.6	3.8	4.1	4.2	4.1
82.5°	3.8	3.7	3.8	3.9	4.1	4.2	4.1
80°	4.1	4.0	3.9	3.9	4.1	4.2	4.1
77.5°	4.5	4.2	4.0	4.0	4.1	4.2	4.1
75°	4.8	4.5	4.1	4.0	4.1	4.3	4.1
72.5°	5.1	4.7	4.4	4.1	4.1	4.3	4.1
70°	5.4	5.0	4.6	4.1	4.2	4.3	4.1
67.5°	5.4	5.3	4.8	4.3	4.2	4.4	4.1
65°	5.5	5.5	5.0	4.4	4.2	4.4	4.1
62.5°	5.6	5.6	5.2	4.6	4.2	4.4	4.1
60°	5.7	5.7	5.4	4.7	4.3	4.5	4.1
57.5°	6.0	5.8	5.5	4.9	4.4	4.5	4.1
55°	6.3	6.0	5.7	5.0	4.5	4.5	4.1
52.5°	6.7	6.1	5.8	5.2	4.7	4.6	4.1
50°	7.0	6.4	6.0	5.3	4.8	4.6	4.1
47.5°	7.3	6.7	6.1	5.4	4.9	4.7	4.1
45°	7.8	7.0	6.3	5.6	5.0	4.7	4.1
42.5°	8.2	7.2	6.5	5.7	5.2	4.7	4.1
40°	8.7	7.5	6.7	5.9	5.3	4.8	4.1
37.5°	9.1	7.7	6.9	6.0	5.4	4.8	4.1
35°	9.6	8.0	7.0	6.2	5.5	4.9	4.1
32.5°	10.1	8.4	7.2	6.4	5.6	4.9	4.1
30°	10.4	8.8	7.4	6.6	5.7	4.9	4.1
27.5°	10.7	9.1	7.6	6.7	5.8	5.0	4.1
25°	11.1	9.5	7.8	6.9	6.0	5.0	4.1
22.5°	11.4	9.8	8.0	7.0	6.1	5.1	4.1
20°	11.7	10.1	8.2	7.2	6.2	5.1	4.1
17.5°	11.9	10.3	8.4	7.3	6.3	5.2	4.1
15°	12.2	10.5	8.6	7.5	6.3	5.2	4.1
12.5°	12.4	10.6	8.8	7.6	6.4	5.2	4.1
10°	12.7	10.7	8.9	7.7	6.5	5.3	4.1
7.5°	12.9	10.8	9.1	7.8	6.6	5.3	4.1
5°	13.2	10.9	9.2	7.9	6.7	5.3	4.1
2.5°	13.4	10.9	9.4	8.0	6.7	5.4	4.1
0°	13.6	10.9	9.5	8.1	6.8	5.4	4.1
-2.5°	14.9	11.5	9.7	8.2	6.9	5.4	4.1
-5°	16.1	12.1	10.0	8.3	6.9	5.5	4.1
-7.5°	17.2	12.6	10.2	8.3	6.9	5.5	4.1
-10°	18.2	13.1	10.3	8.4	7.0	5.5	4.1
-12.5°	19.1	13.5	10.5	8.5	7.0	5.5	4.1
-15°	19.9	13.9	10.6	8.5	7.0	5.5	4.1
-17.5°	20.5	14.2	10.7	8.5	7.1	5.5	4.1
-20°	21.2	14.4	10.8	8.6	7.1	5.5	4.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.9	14.6	10.8	8.6	7.1	5.5	4.1
-25°	22.2	14.7	10.9	8.6	7.1	5.5	4.1
-27.5°	22.2	14.8	10.8	8.6	7.1	5.5	4.1
-30°	21.7	14.8	10.8	8.6	7.1	5.5	4.1
-32.5°	20.8	14.7	10.8	8.6	7.1	5.5	4.1
-35°	20.3	14.5	10.7	8.6	7.1	5.5	4.1
-37.5°	20.0	14.2	10.6	8.5	7.0	5.5	4.1
-40°	19.6	14.1	10.5	8.5	7.0	5.4	4.1
-42.5°	19.0	13.9	10.4	8.4	7.0	5.4	4.1
-45°	18.3	13.6	10.3	8.4	6.9	5.4	4.1
-47.5°	17.4	13.2	10.3	8.4	6.9	5.3	4.1
-50°	16.8	12.8	10.2	8.3	6.9	5.3	4.1
-52.5°	16.2	12.3	10.1	8.2	6.8	5.2	4.1
-55°	15.5	12.1	9.9	8.1	6.7	5.2	4.1
-57.5°	14.6	11.8	9.8	8.0	6.7	5.1	4.1
-60°	13.8	11.6	9.6	7.9	6.6	5.1	4.1
-62.5°	13.4	11.3	9.3	7.7	6.4	5.0	4.1
-65°	12.9	10.9	9.0	7.5	6.3	4.9	4.1
-67.5°	12.5	10.5	8.7	7.3	6.1	4.8	4.1
-70°	11.9	9.9	8.3	7.1	5.9	4.8	4.1
-72.5°	11.1	9.3	7.9	6.8	5.7	4.7	4.1
-75°	10.2	8.7	7.5	6.6	5.5	4.6	4.1
-77.5°	9.2	8.0	7.1	6.3	5.3	4.5	4.1
-80°	8.2	7.5	6.8	6.0	5.0	4.4	4.1
-82.5°	7.8	7.2	6.5	5.7	4.8	4.4	4.1
-85°	7.5	6.8	6.1	5.4	4.6	4.3	4.1
-87.5°	7.1	6.5	5.8	5.1	4.3	4.2	4.1
-90°	2.7	3.1	3.4	3.8	4.1	4.1	4.1

(END OF REPORT)