

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: P1305723 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-3S-CV5-A**

Issue Date: 2/3/2026

Test Information

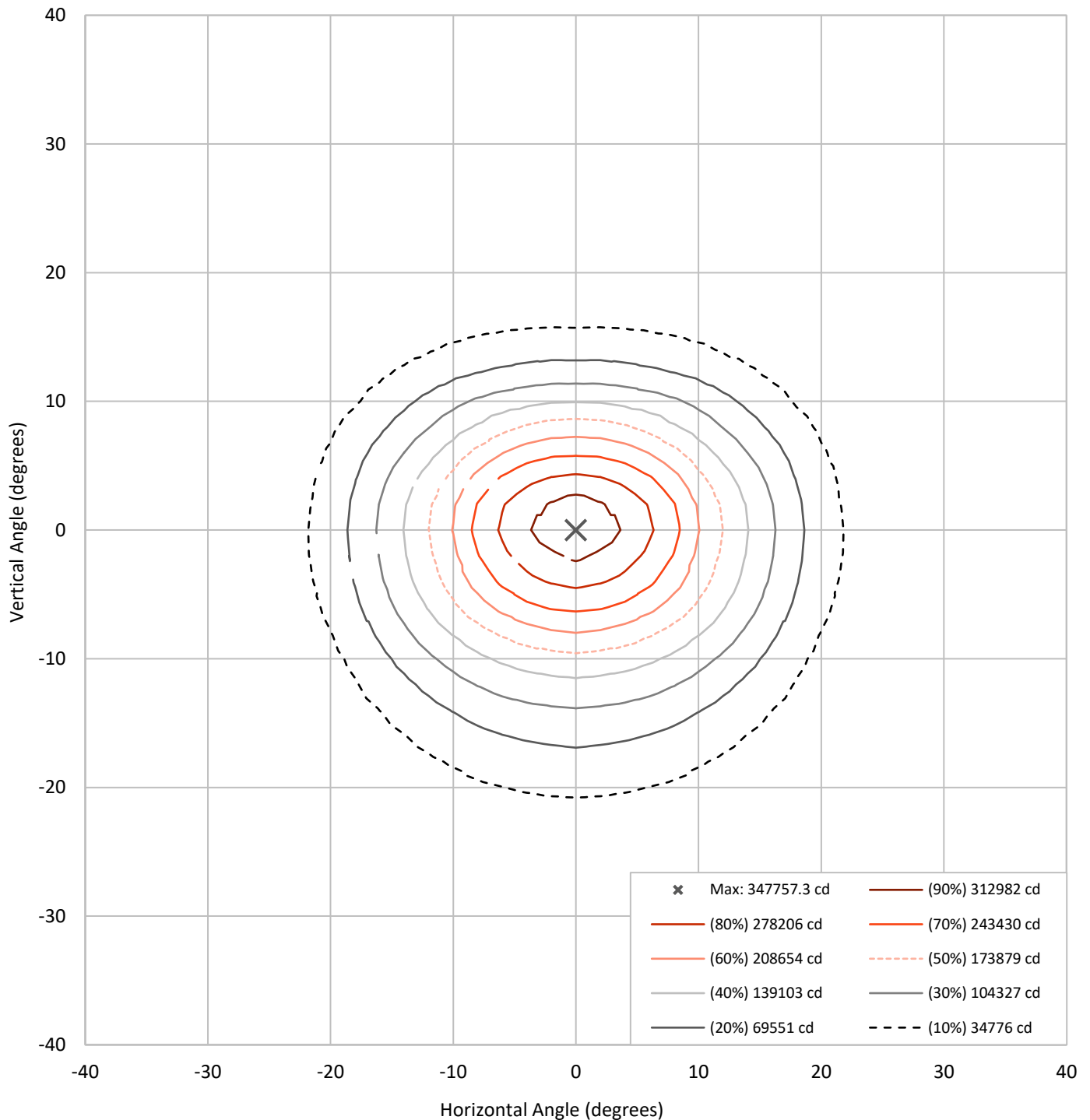
Test Method: LM-79-08
Report Number: P1305723 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-3S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 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:	58136.4 lumens	Max Intensity:	347757.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.7 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:	24869.4 lumens	Field Lumens:	49683.3 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





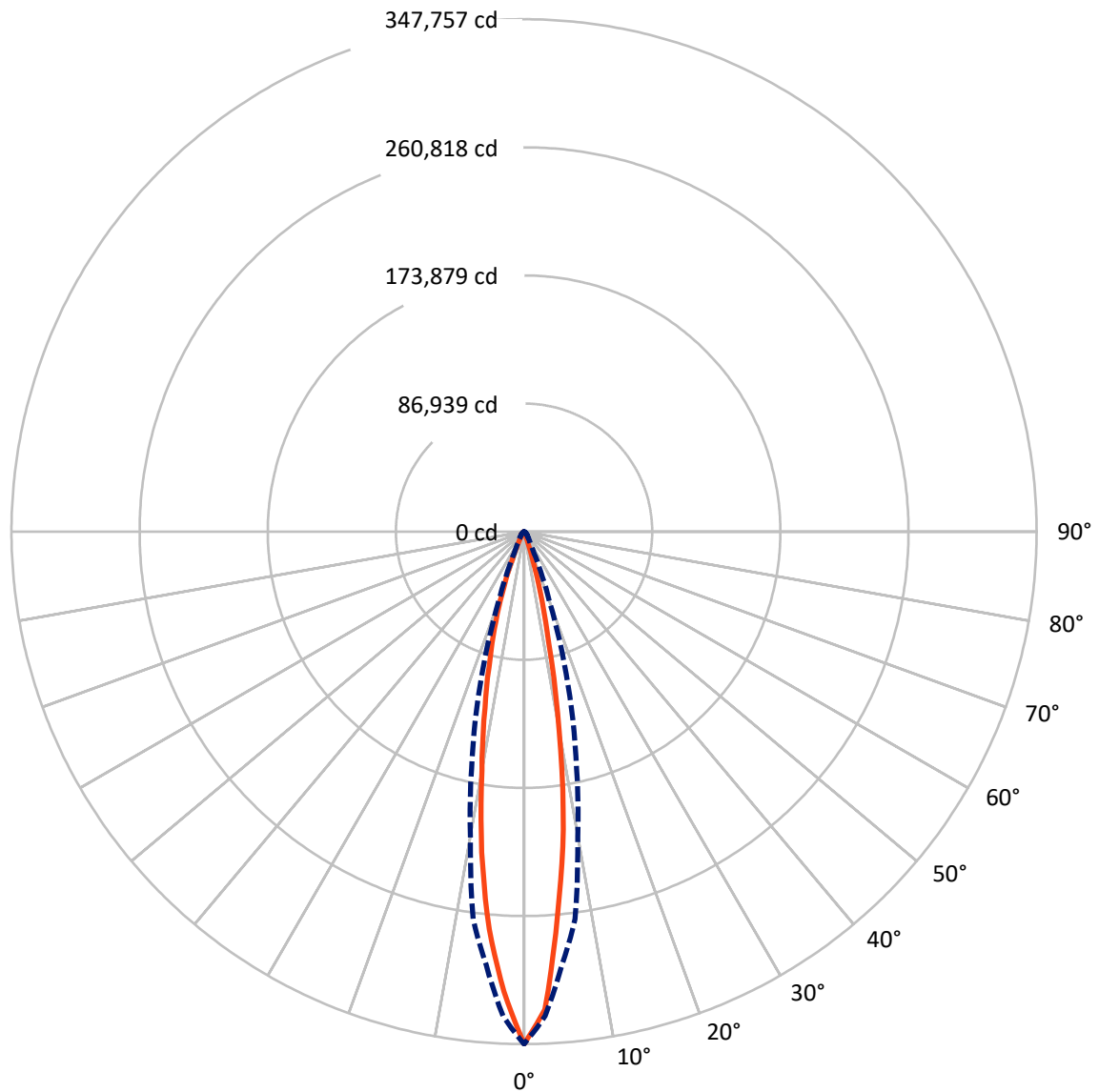
REPORT NUMBER: P1305723 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.2		0.4		0.7		0.8		0.9		0.8		0.7		0.4		0.2	
80	0.2		0.4		0.7		0.8		0.9		0.8		0.7		0.4		0.2	
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.2	0.2	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	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.2	0.2		
40		0.2	0.6	0.9	1.6	2.3	2.8	3.7	3.7	2.8	2.3	1.6	0.9	0.6	0.2			
30	0.3	0.4	1.6	4.1	7.7	11.7	26.4	53.2	53.2	26.4	11.7	7.7	4.1	1.6	0.4	0.3		
20		1.1	6.0	19.1	41.9	112.3	622.8	1425.0	1425.0	622.8	112.3	41.9	19.1	6.0	1.1			
10	0.4	2.1	12.5	45.2	105.4	463.7	2908.3	6788.6	6788.6	2908.3	463.7	105.4	45.2	12.5	2.1	0.4		
0		2.8	15.0	52.9	118.3	494.2	3101.9	6992.0	6992.0	3101.9	494.2	118.3	52.9	15.0	2.8			
-10	0.6	3.0	12.8	40.1	83.9	213.0	1126.2	2534.6	2534.6	1126.2	213.0	83.9	40.1	12.8	3.0	0.6		
-20		2.9	10.4	25.2	59.3	100.5	218.1	438.5	438.5	218.1	100.5	59.3	25.2	10.4	2.9			
-30	0.5	2.6	8.3	17.6	38.4	69.3	94.2	109.8	109.8	94.2	69.3	38.4	17.6	8.3	2.6	0.5		
-40		1.8	6.2	13.3	23.9	38.9	59.6	74.9	74.9	59.6	38.9	23.9	13.3	6.2	1.8			
-50	0.3	0.9	3.7	8.5	15.1	22.3	28.2	31.7	31.7	28.2	22.3	15.1	8.5	3.7	0.9	0.3		
-60		0.3	1.2	3.6	6.8	10.5	14.1	16.2	16.2	14.1	10.5	6.8	3.6	1.2	0.3			
-70	0.2		0.9		2.8		7.5		11.6		7.5		2.8		0.9		0.2	
-80	0.2		0.9		2.8		7.5		11.6		7.5		2.8		0.9		0.2	
-90	0.2		0.9		2.8		7.5		11.6		7.5		2.8		0.9		0.2	

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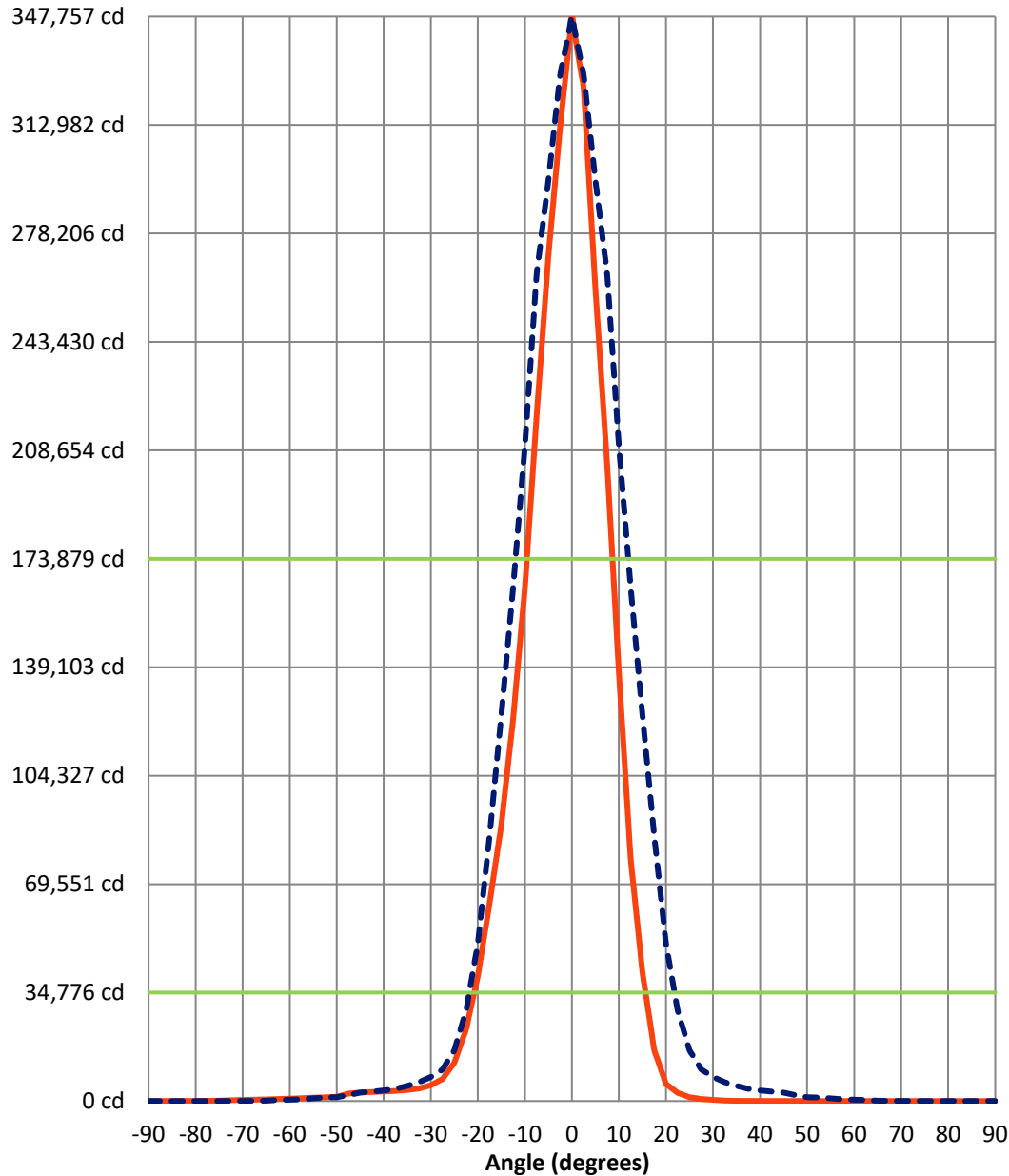
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24°
 V Angle: 18.2°
 Lumens: 24869.4
 Efficiency: 42.8%

Field:
 H Angle: 43.7°
 V Angle: 36.4°
 Lumens: 49683.3
 Efficiency: 85.5%

Spill:
 Lumens: 8453.1
 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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.9
67.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	8.0	8.7
65°	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.3	7.9	8.7	9.0
62.5°	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.7	8.5	9.1	8.5
60°	7.3	7.3	7.3	7.3	7.3	7.7	7.7	8.2	9.1	8.8	8.0
57.5°	7.3	7.3	7.3	7.3	7.5	7.9	8.0	8.7	9.1	8.6	8.0
55°	7.3	7.3	7.4	7.3	7.7	8.1	8.4	9.2	9.0	8.5	8.1
52.5°	7.3	7.3	7.4	7.3	7.9	8.3	8.7	9.2	9.0	8.6	8.2
50°	7.3	7.3	7.4	7.3	8.1	8.5	9.0	9.3	9.1	8.7	9.9
47.5°	7.3	7.3	7.5	7.3	8.3	8.7	9.2	9.4	9.2	8.8	11.5
45°	7.3	7.3	7.5	7.5	8.5	8.8	9.4	9.6	9.4	9.7	12.6
42.5°	7.3	7.3	7.6	7.7	8.8	9.0	9.5	9.8	9.6	10.3	13.8
40°	7.3	7.3	7.7	7.9	8.9	9.1	9.7	10.1	10.0	10.7	15.0
37.5°	7.3	7.3	7.7	8.1	9.0	9.2	10.0	10.4	10.8	11.9	16.1
35°	7.3	7.3	7.8	8.3	9.1	9.3	10.2	10.7	11.6	13.8	16.7
32.5°	7.3	7.3	7.9	8.5	9.2	9.5	10.5	11.1	12.4	15.8	18.3
30°	7.3	7.3	8.0	8.6	9.2	9.7	10.8	11.5	13.3	17.8	20.3
27.5°	7.3	7.3	8.1	8.7	9.2	9.9	11.1	12.3	14.5	19.9	22.7
25°	7.3	7.3	8.2	8.9	9.2	10.1	11.4	13.0	16.2	21.9	25.6
22.5°	7.3	7.3	8.3	8.9	9.2	10.3	11.8	13.7	17.9	24.1	30.8
20°	7.3	7.3	8.4	9.0	9.2	10.4	12.1	14.4	19.6	26.4	36.6
17.5°	7.3	7.3	8.5	9.1	9.2	10.6	12.4	15.1	21.2	28.9	42.8
15°	7.3	7.3	8.6	9.1	9.2	10.7	12.5	15.9	22.8	31.4	49.3
12.5°	7.3	7.3	8.7	9.2	9.2	10.8	12.6	16.9	24.6	34.0	56.0
10°	7.3	7.3	8.8	9.2	9.2	10.9	12.7	17.9	26.5	38.4	64.2
7.5°	7.3	7.3	8.9	9.2	9.2	10.9	12.8	19.0	28.4	43.1	75.6
5°	7.3	7.3	9.0	9.2	9.2	11.0	12.9	20.1	30.1	47.9	87.0
2.5°	7.3	7.3	9.1	9.2	9.2	11.0	12.9	21.1	31.7	52.5	98.1
0°	7.3	7.3	9.2	9.2	9.2	11.0	12.9	22.0	33.1	56.9	108.4
-2.5°	7.3	7.3	9.2	9.2	9.4	11.4	14.6	26.3	42.0	70.0	124.1
-5°	7.3	7.3	9.2	9.2	9.5	11.8	16.2	30.3	50.5	82.4	138.6
-7.5°	7.3	7.3	9.2	9.2	9.7	12.1	17.7	34.0	58.4	94.0	151.9
-10°	7.3	7.3	9.1	9.2	9.8	12.4	19.1	37.3	65.5	104.6	163.8
-12.5°	7.3	7.3	9.1	9.2	9.9	12.7	20.2	40.0	71.6	114.1	174.6
-15°	7.3	7.3	9.1	9.2	10.0	12.9	21.1	42.1	77.2	122.7	184.0
-17.5°	7.3	7.3	9.0	9.2	10.1	13.1	21.8	44.5	82.5	130.2	191.5
-20°	7.3	7.3	9.0	9.2	10.1	13.2	22.4	46.7	86.5	136.3	197.0



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 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	7.3	8.9	9.2	10.2	13.2	23.1	47.9	89.0	141.0	200.6
-25°	7.3	7.3	8.8	9.2	10.2	13.3	23.2	48.0	90.0	144.2	201.9
-27.5°	7.3	7.3	8.8	9.2	10.1	13.4	22.7	46.9	89.4	145.7	204.7
-30°	7.3	7.3	8.7	9.2	10.0	13.4	21.5	44.6	87.8	144.7	205.7
-32.5°	7.3	7.3	8.6	9.2	10.1	13.3	19.7	42.9	85.0	141.4	204.7
-35°	7.3	7.3	8.5	9.2	10.1	13.1	18.9	40.7	80.5	135.9	201.8
-37.5°	7.3	7.3	8.4	9.2	10.0	12.9	18.6	37.5	74.0	128.0	188.3
-40°	7.3	7.3	8.3	9.2	9.9	12.8	18.1	33.2	65.8	118.7	171.6
-42.5°	7.3	7.3	8.2	9.2	9.8	12.6	17.5	27.8	58.5	104.3	153.2
-45°	7.3	7.3	8.1	9.2	9.8	12.3	16.7	23.7	51.0	88.1	133.5
-47.5°	7.3	7.3	8.0	9.2	9.8	12.0	15.8	22.5	42.1	71.0	114.0
-50°	7.3	7.3	7.8	9.1	9.8	11.6	15.2	21.2	31.1	58.6	93.3
-52.5°	7.3	7.3	7.7	8.9	9.7	11.1	14.5	19.6	26.2	45.6	72.0
-55°	7.3	7.3	7.6	8.7	9.5	10.9	13.8	17.9	23.8	32.0	56.8
-57.5°	7.3	7.3	7.4	8.6	9.4	10.6	13.0	16.8	21.3	26.8	41.0
-60°	7.3	7.3	7.3	8.4	9.2	10.3	12.1	15.5	19.0	23.9	29.0
-62.5°	7.3	7.3	7.3	8.2	9.0	9.9	11.5	14.2	17.4	20.9	25.7
-65°	7.3	7.3	7.3	8.1	8.8	9.4	10.8	12.9	15.9	18.9	22.3
-67.5°	7.3	7.3	7.3	7.9	8.7	9.1	10.1	12.0	14.2	17.1	19.9
-70°	7.3	7.3	7.3	7.7	8.5	9.0	9.3	11.1	13.2	15.2	17.8
-72.5°	7.3	7.3	7.3	7.7	8.4	8.9	9.2	10.1	12.1	14.0	15.8
-75°	7.3	7.3	7.3	7.6	8.2	8.8	9.2	9.8	10.9	12.7	14.5
-77.5°	7.3	7.3	7.3	7.6	8.1	8.7	9.2	9.6	10.4	11.5	13.1
-80°	7.3	7.3	7.3	7.5	7.9	8.5	9.2	9.4	9.8	10.6	11.6
-82.5°	7.3	7.3	7.3	7.5	7.8	8.2	8.8	9.0	9.2	9.6	10.2
-85°	7.3	7.3	7.3	7.4	7.6	7.9	8.3	8.4	8.6	8.8	8.9
-87.5°	7.3	7.3	7.3	7.4	7.5	7.6	7.8	7.9	7.9	8.0	8.1
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



REPORT NUMBER: P1305723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-80-3S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.8	8.3	8.7
87.5°	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.5	5.5	5.5	5.5
85°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.5
82.5°	7.3	7.3	7.3	7.3	6.9	6.4	6.0	5.8	5.8	5.8	5.7
80°	7.3	7.3	7.3	7.3	7.1	6.9	6.9	7.0	6.8	6.5	6.0
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.0	6.5	6.1
75°	7.3	7.3	7.4	7.4	7.3	7.3	7.3	7.3	7.1	7.0	7.0
72.5°	7.6	7.8	7.8	7.5	7.3	7.3	7.3	7.3	8.6	10.5	11.9
70°	8.4	8.5	7.9	7.4	7.3	7.8	10.0	13.2	16.4	18.8	21.8
67.5°	8.9	8.1	7.5	7.5	8.8	11.3	14.8	22.7	31.4	34.8	35.8
65°	8.2	7.5	7.8	9.0	10.8	17.4	26.0	36.1	43.6	43.0	40.8
62.5°	7.5	7.6	8.5	11.5	17.4	25.6	33.4	40.5	47.6	45.7	39.2
60°	7.4	7.8	11.2	17.3	23.5	29.4	36.8	40.8	44.0	43.8	34.7
57.5°	7.5	9.9	15.9	21.8	26.8	31.3	33.6	36.4	37.6	37.7	28.2
55°	8.8	13.6	19.5	24.4	28.2	27.5	28.4	28.7	28.9	27.0	19.2
52.5°	11.7	16.8	21.6	25.9	26.8	24.1	21.1	21.2	19.9	16.7	13.8
50°	14.1	18.6	23.3	26.2	25.1	20.1	15.5	15.5	14.1	12.2	10.5
47.5°	15.8	20.4	24.9	26.5	22.3	18.2	14.4	12.6	11.2	10.8	9.7
45°	17.3	21.7	26.5	24.8	21.1	18.0	14.8	11.0	11.5	11.4	11.8
42.5°	18.7	22.7	25.4	23.7	21.5	19.2	16.4	14.2	13.2	14.6	15.1
40°	19.3	23.3	24.6	24.9	22.9	21.6	21.2	19.6	17.0	19.3	20.1
37.5°	19.6	23.3	25.6	28.6	25.8	26.5	27.7	28.1	26.5	25.9	29.1
35°	19.6	23.9	30.8	34.4	32.1	33.8	37.0	38.5	38.4	37.7	43.3
32.5°	20.1	25.2	38.1	41.2	43.5	45.5	47.6	51.0	54.2	57.7	66.9
30°	22.7	32.0	46.4	48.8	57.5	66.5	64.0	65.7	72.9	95.8	115.9
27.5°	28.2	41.2	53.6	61.1	75.1	94.1	99.9	88.3	109.3	144.9	179.0
25°	34.8	66.7	61.5	76.1	102.3	130.7	146.5	144.7	165.2	210.3	250.7
22.5°	49.0	100.1	96.9	92.6	133.9	175.5	202.6	249.6	315.8	315.6	330.3
20°	73.5	131.9	141.7	154.0	180.6	227.1	265.9	390.4	528.3	575.2	524.2
17.5°	102.2	167.0	192.7	234.2	293.3	323.3	345.4	558.6	791.8	884.2	913.3
15°	134.2	204.8	247.2	323.9	418.2	471.5	565.7	809.2	1084.7	1241.3	1357.9
12.5°	168.3	244.6	304.3	420.9	552.1	622.6	831.3	1183.8	1458.2	1647.2	1943.3
10°	203.4	285.7	363.0	522.6	692.1	775.6	1115.7	1569.6	1856.2	2075.0	2480.1
7.5°	242.1	326.6	421.3	626.5	835.2	929.1	1409.4	1958.3	2244.2	2487.9	2945.8
5°	279.8	365.8	473.6	714.8	949.9	1058.6	1674.3	2339.8	2621.1	2885.6	3366.2
2.5°	314.6	403.3	523.8	796.2	1040.9	1149.2	1801.8	2533.9	2840.7	3168.9	3683.8
0°	345.3	438.9	571.2	870.5	1124.0	1236.0	1902.7	2701.5	3019.3	3392.1	3915.5
-2.5°	351.8	453.0	588.0	869.4	1112.9	1233.8	1912.4	2708.9	3080.8	3474.9	3987.1
-5°	353.5	464.4	601.0	860.8	1094.4	1226.7	1892.7	2681.5	3090.9	3454.7	3916.0
-7.5°	351.0	472.5	609.9	843.7	1058.4	1185.9	1781.1	2515.4	2929.3	3246.3	3680.1
-10°	344.7	471.3	599.9	805.3	1001.0	1124.1	1628.4	2323.6	2761.1	3033.9	3411.8
-12.5°	333.7	462.5	584.1	764.1	942.9	1060.9	1450.4	2111.3	2590.5	2823.5	3129.2
-15°	321.3	452.1	565.4	721.6	886.2	997.4	1248.5	1882.1	2428.1	2665.3	2892.5
-17.5°	308.5	440.2	544.2	679.1	832.5	934.4	1030.4	1638.6	2222.6	2504.0	2723.5
-20°	295.8	427.3	520.5	637.7	782.0	885.5	964.3	1391.9	1933.8	2325.3	2545.7



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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°	284.1	413.5	498.2	605.6	737.5	846.6	926.5	1150.5	1629.0	2131.0	2369.1
-25°	279.8	393.6	479.9	577.6	694.9	807.4	889.7	945.7	1341.1	1838.0	2200.9
-27.5°	279.9	377.1	462.4	547.4	652.4	765.6	847.7	905.5	1122.3	1550.0	2011.3
-30°	277.4	357.1	443.2	518.1	615.1	717.5	804.3	884.0	952.6	1295.0	1702.1
-32.5°	266.9	336.0	420.0	495.1	577.6	671.1	768.7	854.0	928.4	1039.8	1408.6
-35°	252.8	318.6	394.8	470.5	539.6	629.7	725.7	819.0	898.0	967.2	1135.4
-37.5°	239.8	298.9	368.7	443.3	511.3	588.4	679.4	772.9	857.8	940.0	1016.0
-40°	225.1	276.9	343.8	414.1	481.8	549.2	631.4	719.7	809.3	904.0	995.6
-42.5°	208.2	258.6	317.3	383.5	447.8	513.9	581.3	664.3	754.4	854.6	950.0
-45°	185.9	238.5	289.5	349.2	410.0	474.3	539.2	606.1	693.1	785.6	885.5
-47.5°	161.7	215.1	264.7	312.5	369.9	429.7	492.9	558.6	627.3	711.6	801.3
-50°	136.4	186.2	236.5	279.7	327.7	382.9	441.0	506.3	571.8	637.9	714.2
-52.5°	111.7	155.2	202.3	247.2	288.6	334.8	388.7	447.8	510.4	573.9	632.9
-55°	85.7	125.1	165.8	209.6	251.5	290.8	334.2	387.3	443.3	502.2	556.3
-57.5°	64.6	94.3	130.6	168.8	209.3	249.1	287.1	325.5	373.8	425.8	472.1
-60°	46.4	68.0	95.8	129.4	164.1	201.6	239.8	275.7	311.0	345.0	386.5
-62.5°	30.4	47.3	66.9	90.4	121.2	152.8	186.7	221.3	255.6	285.2	312.5
-65°	26.7	30.6	43.8	61.5	79.0	107.5	136.2	163.8	193.9	221.1	247.4
-67.5°	22.8	26.4	29.9	36.1	51.9	69.6	88.2	113.4	137.3	156.8	176.3
-70°	20.2	22.3	25.3	28.4	31.7	38.9	54.5	70.7	86.7	101.7	118.3
-72.5°	17.8	19.8	21.6	23.5	26.4	29.8	33.3	36.9	45.8	57.9	69.3
-75°	15.8	17.2	18.8	20.5	22.3	24.3	26.5	29.5	32.4	34.9	37.2
-77.5°	14.1	15.1	16.2	17.5	18.9	20.4	22.1	23.8	25.7	27.6	29.6
-80°	12.3	12.9	13.6	14.5	15.6	16.8	18.0	19.1	20.2	21.5	22.9
-82.5°	10.6	11.0	11.5	11.9	12.6	13.4	14.3	15.3	15.6	16.0	16.5
-85°	9.1	9.2	9.5	9.7	10.1	10.5	11.0	11.5	11.6	11.7	11.6
-87.5°	8.2	8.2	8.3	8.4	8.5	8.5	8.6	8.6	8.8	9.0	9.1
-90°	6.9	6.4	6.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.2	9.6	10.1	10.5	11.0	15.1	19.2	23.4	27.5	34.4	41.3
87.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.8	1.8
85°	5.5	5.1	4.6	4.2	3.7	3.6	3.6	3.6	3.6	3.2	2.7
82.5°	5.5	5.1	4.6	4.2	3.7	3.7	3.7	3.7	3.7	3.2	2.8
80°	5.6	5.3	5.1	4.9	4.8	4.7	4.4	4.1	3.7	3.7	3.6
77.5°	5.8	5.8	5.8	5.7	5.6	5.1	4.7	4.2	3.8	3.7	3.7
75°	7.1	7.3	7.5	7.2	6.6	6.1	5.9	5.5	5.2	4.9	4.6
72.5°	12.8	12.9	12.3	11.9	10.7	10.2	10.3	10.2	9.9	9.7	9.6
70°	23.6	24.0	23.0	20.8	17.6	15.4	14.4	13.1	11.6	10.9	10.9
67.5°	33.5	30.8	27.7	24.6	20.6	17.3	15.3	13.4	11.7	10.8	10.4
65°	36.8	30.0	25.1	21.2	18.1	15.6	13.5	11.4	9.5	8.2	7.8
62.5°	31.9	23.8	19.0	16.1	13.9	12.5	10.5	8.7	7.0	6.1	6.4
60°	26.0	17.6	13.1	11.4	10.2	9.2	8.1	7.0	6.1	5.5	5.6
57.5°	19.4	12.8	9.2	9.0	8.4	7.7	7.0	6.5	6.0	5.5	5.5
55°	13.4	10.6	9.2	8.7	8.2	7.6	7.1	6.6	6.1	5.5	5.5
52.5°	10.5	9.6	9.3	8.9	8.3	7.8	7.2	6.7	6.2	5.6	5.5
50°	9.6	9.3	9.4	9.0	8.5	7.9	7.4	7.1	6.9	6.7	6.8
47.5°	9.9	10.1	9.9	9.3	8.9	9.0	9.0	9.0	9.1	8.8	8.6
45°	11.2	11.3	11.2	11.1	10.6	11.6	12.3	12.4	14.4	13.6	11.5
42.5°	14.0	14.7	15.5	16.4	15.1	19.4	26.0	30.5	26.1	20.6	17.4
40°	21.2	21.7	26.4	28.8	34.1	40.2	36.6	30.6	27.3	29.1	30.2
37.5°	33.4	39.1	46.7	55.2	53.1	44.1	45.1	45.0	43.4	47.1	47.4
35°	54.6	68.3	74.8	76.9	73.1	70.2	72.8	75.3	69.6	78.6	81.4
32.5°	89.2	106.0	109.8	105.9	106.3	112.4	117.0	125.4	133.8	147.2	163.2
30°	131.6	149.7	158.3	150.3	152.0	166.6	176.1	195.2	225.6	260.4	303.8
27.5°	194.9	208.4	223.8	225.9	218.7	240.1	273.7	293.7	375.6	429.8	527.4
25°	278.5	299.3	312.9	335.9	348.3	374.2	438.5	500.3	626.1	748.6	956.4
22.5°	388.2	455.2	479.8	476.3	548.7	618.3	673.1	846.5	1094.2	1456.8	1865.0
20°	533.2	670.8	787.7	825.7	851.5	1035.2	1224.3	1762.2	2378.9	3408.2	4208.4
17.5°	961.0	1006.3	1263.2	1472.3	1571.8	1961.0	2843.4	4197.5	6525.1	9710.0	11668.1
15°	1604.4	1733.7	1991.3	2433.7	2981.2	4012.9	5485.7	9803.1	15772.7	22296.3	28507.1
12.5°	2314.9	2584.6	3056.5	3708.1	4577.2	7520.9	12274.1	20397.0	31448.6	42751.0	57166.0
10°	2974.2	3516.6	4291.2	5390.8	7622.5	12651.4	20652.3	34459.8	54035.8	74448.1	94840.6
7.5°	3512.1	4288.0	5420.8	7068.0	11067.8	19141.6	32263.0	52606.5	77706.1	103967.5	131616.7
5°	4055.3	5037.5	6401.9	8394.8	13325.4	24155.8	41608.7	69459.6	101850.8	134940.9	169785.0
2.5°	4526.2	5675.2	7254.7	9583.2	14843.6	26869.7	47246.6	81541.2	119571.8	159169.5	203549.0
0°	4874.2	6044.0	7722.6	10145.0	16339.7	28982.4	50547.0	85112.4	123793.6	164674.0	210031.8
-2.5°	4825.7	5883.7	7405.3	9809.2	15819.8	28601.2	48485.5	82172.1	120029.8	158351.3	198804.4
-5°	4605.2	5525.3	6888.7	9040.5	14024.7	24815.2	43510.2	74556.0	109758.7	144778.3	180771.7
-7.5°	4269.2	5065.2	6260.2	8108.8	11954.7	20451.4	35988.1	60273.7	90538.5	120468.4	148234.0
-10°	3922.1	4570.5	5539.1	6999.7	9743.1	15680.1	26667.0	44822.4	69991.3	94639.4	115916.9
-12.5°	3595.8	4078.7	4767.5	5784.5	7475.4	11738.5	20034.2	33280.1	50092.2	69042.8	87467.0
-15°	3291.5	3648.5	4143.2	4963.4	6316.7	8845.3	13348.9	22176.2	34001.6	47229.5	59965.5
-17.5°	3012.5	3306.8	3692.8	4270.3	5108.9	6672.6	9827.4	14874.3	22014.0	31423.1	40218.2
-20°	2762.4	3029.1	3317.8	3750.4	4394.4	5314.8	6868.0	10001.0	14121.0	20051.5	25868.0



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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°	2566.6	2776.1	3000.4	3331.4	3868.2	4520.9	5293.0	6576.6	8844.3	11886.2	15331.2
-25°	2387.7	2542.8	2775.6	3131.8	3499.5	3934.9	4403.0	4917.8	5924.0	6902.4	8706.0
-27.5°	2217.6	2381.2	2623.8	2945.2	3280.7	3484.0	3783.4	4101.4	4582.7	5007.5	5726.0
-30°	2075.7	2247.5	2453.4	2724.7	3007.2	3198.6	3354.4	3584.5	3851.4	4117.8	4426.9
-32.5°	1809.0	2136.7	2279.5	2486.4	2740.7	2942.1	3080.1	3251.0	3393.6	3559.2	3727.1
-35°	1517.4	1878.8	2174.0	2307.8	2483.7	2707.8	2903.8	3041.1	3151.5	3253.7	3349.9
-37.5°	1187.3	1563.2	1885.5	2156.9	2317.9	2468.0	2675.9	2860.5	2993.5	3063.8	3126.3
-40°	1061.7	1170.3	1510.8	1822.0	2064.3	2299.3	2461.3	2642.4	2796.0	2893.0	2965.7
-42.5°	1040.2	1096.0	1140.0	1375.9	1669.8	1921.6	2136.1	2347.2	2534.9	2674.1	2786.5
-45°	982.2	1048.5	1110.3	1153.9	1199.2	1421.8	1661.2	1894.4	2106.3	2295.8	2461.5
-47.5°	888.3	967.5	1033.6	1096.9	1146.1	1184.9	1229.8	1304.0	1502.5	1697.2	1882.2
-50°	786.5	858.2	929.8	997.9	1051.3	1098.2	1141.4	1178.4	1215.6	1254.5	1291.5
-52.5°	685.7	749.7	813.5	873.3	930.1	983.8	1033.6	1070.2	1101.5	1129.1	1150.0
-55°	606.4	654.0	700.4	751.1	801.7	849.0	892.3	931.9	967.9	1000.1	1024.9
-57.5°	518.8	565.5	610.0	647.9	684.8	720.4	757.2	792.3	823.4	850.3	872.1
-60°	427.3	467.2	506.8	544.1	579.7	613.2	643.3	671.0	696.0	717.5	733.6
-62.5°	339.0	370.5	406.1	438.6	467.2	494.5	525.5	553.5	578.3	598.9	614.2
-65°	272.2	294.9	320.4	345.6	370.3	396.9	424.0	447.9	469.0	486.3	499.9
-67.5°	198.4	220.6	245.5	268.1	288.9	311.4	337.3	361.0	382.8	400.3	414.5
-70°	133.7	149.6	169.2	190.2	210.7	232.1	255.7	278.4	300.1	316.8	330.3
-72.5°	80.2	90.5	101.1	114.8	129.3	146.9	166.7	186.6	206.3	220.6	231.8
-75°	39.3	43.4	52.1	60.1	67.4	76.8	86.8	96.2	105.1	111.5	116.8
-77.5°	31.8	33.8	35.8	37.7	39.5	43.7	48.6	53.7	59.0	63.1	67.1
-80°	24.4	25.7	27.0	28.4	29.9	33.1	36.5	40.0	43.4	46.0	48.5
-82.5°	17.0	17.7	18.3	18.9	19.4	21.7	24.1	26.3	28.5	30.6	32.7
-85°	11.6	11.7	11.9	12.1	12.2	14.5	16.8	19.2	21.6	23.6	25.5
-87.5°	9.2	9.3	9.3	9.4	9.4	11.3	13.2	15.1	16.9	18.7	20.5
-90°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.8	1.4	0.9



REPORT NUMBER: P1305723 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	48.2	55.1	50.5	45.9	50.5	55.1	48.2	41.3	34.4	27.5	23.4
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7
80°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.7	3.7	4.1
77.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	4.2
75°	4.2	3.7	4.6	5.5	4.6	3.7	4.2	4.6	4.9	5.2	5.5
72.5°	9.4	9.1	9.2	9.2	9.2	9.1	9.4	9.6	9.7	9.9	10.2
70°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.9	10.9	11.6	13.1
67.5°	9.9	9.3	9.2	9.2	9.2	9.3	9.9	10.4	10.8	11.7	13.4
65°	7.5	7.4	7.3	7.3	7.3	7.4	7.5	7.8	8.2	9.5	11.4
62.5°	6.7	7.2	7.3	7.3	7.3	7.2	6.7	6.4	6.1	7.0	8.7
60°	5.6	5.6	5.5	5.5	5.5	5.6	5.6	5.6	5.5	6.1	7.0
57.5°	5.5	5.5	6.2	7.3	6.2	5.5	5.5	5.5	5.5	6.0	6.5
55°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.1	6.6
52.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	6.2	6.7
50°	7.0	7.2	7.3	7.3	7.3	7.2	7.0	6.8	6.7	6.9	7.1
47.5°	8.9	9.0	8.6	7.3	8.6	9.0	8.9	8.6	8.8	9.1	9.0
45°	11.5	11.2	10.9	11.0	10.9	11.2	11.5	11.5	13.6	14.4	12.4
42.5°	17.9	18.1	18.2	18.4	18.2	18.1	17.9	17.4	20.6	26.1	30.5
40°	31.8	32.5	32.7	33.1	32.7	32.5	31.8	30.2	29.1	27.3	30.6
37.5°	48.1	48.9	49.1	49.6	49.1	48.9	48.1	47.4	47.1	43.4	45.0
35°	81.1	80.8	78.1	79.0	78.1	80.8	81.1	81.4	78.6	69.6	75.3
32.5°	174.1	175.4	166.4	152.4	166.4	175.4	174.1	163.2	147.2	133.8	125.4
30°	336.5	365.2	384.6	385.7	384.6	365.2	336.5	303.8	260.4	225.6	195.2
27.5°	592.6	637.4	656.5	666.7	656.5	637.4	592.6	527.4	429.8	375.6	293.7
25°	1119.7	1222.4	1277.9	1236.0	1277.9	1222.4	1119.7	956.4	748.6	626.1	500.3
22.5°	2253.1	2449.5	2617.0	2626.2	2617.0	2449.5	2253.1	1865.0	1456.8	1094.2	846.5
20°	5321.0	5276.3	5699.6	5487.6	5699.6	5276.3	5321.0	4208.4	3408.2	2378.9	1762.2
17.5°	15092.7	16762.1	17684.8	16422.3	17684.8	16762.1	15092.7	11668.1	9710.0	6525.1	4197.5
15°	34697.5	38862.1	41680.1	41320.2	41680.1	38862.1	34697.5	28507.1	22296.3	15772.7	9803.1
12.5°	65240.1	72083.9	77917.3	77672.7	77917.3	72083.9	65240.1	57166.0	42751.0	31448.6	20397.0
10°	113008.7	124940.4	136060.2	137218.6	136060.2	124940.4	113008.7	94840.6	74448.1	54035.8	34459.8
7.5°	157018.6	183887.3	199903.4	204012.6	199903.4	183887.3	157018.6	131616.7	103967.5	77706.1	52606.5
5°	212126.5	243241.7	260074.5	260523.7	260074.5	243241.7	212126.5	169785.0	134940.9	101850.8	69459.6
2.5°	252921.6	287970.8	308639.2	324630.8	308639.2	287970.8	252921.6	203549.0	159169.5	119571.8	81541.2
0°	265054.4	295280.1	329006.3	347757.3	329006.3	295280.1	265054.4	210031.8	164674.0	123793.6	85112.4
-2.5°	248797.1	280442.9	297185.0	312437.0	297185.0	280442.9	248797.1	198804.4	158351.3	120029.8	82172.1
-5°	217912.4	251430.5	267516.1	270949.7	267516.1	251430.5	217912.4	180771.7	144778.3	109758.7	74556.0
-7.5°	173393.2	196984.5	213269.5	219656.2	213269.5	196984.5	173393.2	148234.0	120468.4	90538.5	60273.7
-10°	135703.9	150937.6	159087.0	164505.9	159087.0	150937.6	135703.9	115916.9	94639.4	69991.3	44822.4
-12.5°	102316.9	113329.1	119720.4	122502.4	119720.4	113329.1	102316.9	87467.0	69042.8	50092.2	33280.1
-15°	72828.5	81542.4	85870.1	88625.7	85870.1	81542.4	72828.5	59965.5	47229.5	34001.6	22176.2
-17.5°	49897.2	56903.7	60897.3	63494.6	60897.3	56903.7	49897.2	40218.2	31423.1	22014.0	14874.3
-20°	31925.5	36097.4	39170.4	40065.9	39170.4	36097.4	31925.5	25868.0	20051.5	14121.0	10001.0



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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°	18653.1	21109.5	22656.9	23008.1	22656.9	21109.5	18653.1	15331.2	11886.2	8844.3	6576.6
-25°	10142.1	11212.4	12024.2	12299.3	12024.2	11212.4	10142.1	8706.0	6902.4	5924.0	4917.8
-27.5°	6228.3	6642.1	6942.0	7096.4	6942.0	6642.1	6228.3	5726.0	5007.5	4582.7	4101.4
-30°	4684.6	4873.4	4986.1	5061.5	4986.1	4873.4	4684.6	4426.9	4117.8	3851.4	3584.5
-32.5°	3846.2	3930.7	3981.6	4016.5	3981.6	3930.7	3846.2	3727.1	3559.2	3393.6	3251.0
-35°	3426.0	3480.8	3518.5	3537.2	3518.5	3480.8	3426.0	3349.9	3253.7	3151.5	3041.1
-37.5°	3172.8	3207.5	3232.6	3247.0	3232.6	3207.5	3172.8	3126.3	3063.8	2993.5	2860.5
-40°	3000.3	3024.5	3044.6	3067.0	3044.6	3024.5	3000.3	2965.7	2893.0	2796.0	2642.4
-42.5°	2842.9	2878.9	2897.0	2901.7	2897.0	2878.9	2842.9	2786.5	2674.1	2534.9	2347.2
-45°	2588.4	2688.3	2749.8	2769.5	2749.8	2688.3	2588.4	2461.5	2295.8	2106.3	1894.4
-47.5°	2052.3	2201.9	2314.9	2383.8	2314.9	2201.9	2052.3	1882.2	1697.2	1502.5	1304.0
-50°	1326.0	1357.7	1370.1	1362.7	1370.1	1357.7	1326.0	1291.5	1254.5	1215.6	1178.4
-52.5°	1166.4	1179.1	1189.6	1197.4	1189.6	1179.1	1166.4	1150.0	1129.1	1101.5	1070.2
-55°	1044.3	1058.6	1072.2	1083.6	1072.2	1058.6	1044.3	1024.9	1000.1	967.9	931.9
-57.5°	890.4	904.9	910.3	909.1	910.3	904.9	890.4	872.1	850.3	823.4	792.3
-60°	746.8	757.1	764.8	769.5	764.8	757.1	746.8	733.6	717.5	696.0	671.0
-62.5°	626.3	635.2	645.3	653.8	645.3	635.2	626.3	614.2	598.9	578.3	553.5
-65°	511.4	520.9	528.5	534.4	528.5	520.9	511.4	499.9	486.3	469.0	447.9
-67.5°	427.2	438.4	446.9	453.6	446.9	438.4	427.2	414.5	400.3	382.8	361.0
-70°	342.7	353.9	360.7	365.5	360.7	353.9	342.7	330.3	316.8	300.1	278.4
-72.5°	241.5	249.6	253.4	255.3	253.4	249.6	241.5	231.8	220.6	206.3	186.6
-75°	121.4	125.3	129.0	132.2	129.0	125.3	121.4	116.8	111.5	105.1	96.2
-77.5°	71.0	74.7	77.0	79.0	77.0	74.7	71.0	67.1	63.1	59.0	53.7
-80°	50.8	53.0	55.0	56.9	55.0	53.0	50.8	48.5	46.0	43.4	40.0
-82.5°	34.6	36.6	37.6	38.6	37.6	36.6	34.6	32.7	30.6	28.5	26.3
-85°	27.4	29.3	30.3	31.2	30.3	29.3	27.4	25.5	23.6	21.6	19.2
-87.5°	22.3	24.0	24.8	25.7	24.8	24.0	22.3	20.5	18.7	16.9	15.1
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	19.2	15.1	11.0	10.5	10.1	9.6	9.2	8.7	8.3	7.8	7.3
87.5°	2.8	3.2	3.7	4.2	4.6	5.1	5.5	5.5	5.5	5.5	5.5
85°	3.6	3.6	3.7	4.2	4.6	5.1	5.5	5.5	5.5	5.5	5.5
82.5°	3.7	3.7	3.7	4.2	4.6	5.1	5.5	5.7	5.8	5.8	5.8
80°	4.4	4.7	4.8	4.9	5.1	5.3	5.6	6.0	6.5	6.8	7.0
77.5°	4.7	5.1	5.6	5.7	5.8	5.8	5.8	6.1	6.5	7.0	7.3
75°	5.9	6.1	6.6	7.2	7.5	7.3	7.1	7.0	7.0	7.1	7.3
72.5°	10.3	10.2	10.7	11.9	12.3	12.9	12.8	11.9	10.5	8.6	7.3
70°	14.4	15.4	17.6	20.8	23.0	24.0	23.6	21.8	18.8	16.4	13.2
67.5°	15.3	17.3	20.6	24.6	27.7	30.8	33.5	35.8	34.8	31.4	22.7
65°	13.5	15.6	18.1	21.2	25.1	30.0	36.8	40.8	43.0	43.6	36.1
62.5°	10.5	12.5	13.9	16.1	19.0	23.8	31.9	39.2	45.7	47.6	40.5
60°	8.1	9.2	10.2	11.4	13.1	17.6	26.0	34.7	43.8	44.0	40.8
57.5°	7.0	7.7	8.4	9.0	9.2	12.8	19.4	28.2	37.7	37.6	36.4
55°	7.1	7.6	8.2	8.7	9.2	10.6	13.4	19.2	27.0	28.9	28.7
52.5°	7.2	7.8	8.3	8.9	9.3	9.6	10.5	13.8	16.7	19.9	21.2
50°	7.4	7.9	8.5	9.0	9.4	9.3	9.6	10.5	12.2	14.1	15.5
47.5°	9.0	9.0	8.9	9.3	9.9	10.1	9.9	9.7	10.8	11.2	12.6
45°	12.3	11.6	10.6	11.1	11.2	11.3	11.2	11.8	11.4	11.5	11.0
42.5°	26.0	19.4	15.1	16.4	15.5	14.7	14.0	15.1	14.6	13.2	14.2
40°	36.6	40.2	34.1	28.8	26.4	21.7	21.2	20.1	19.3	17.0	19.6
37.5°	45.1	44.1	53.1	55.2	46.7	39.1	33.4	29.1	25.9	26.5	28.1
35°	72.8	70.2	73.1	76.9	74.8	68.3	54.6	43.3	37.7	38.4	38.5
32.5°	117.0	112.4	106.3	105.9	109.8	106.0	89.2	66.9	57.7	54.2	51.0
30°	176.1	166.6	152.0	150.3	158.3	149.7	131.6	115.9	95.8	72.9	65.7
27.5°	273.7	240.1	218.7	225.9	223.8	208.4	194.9	179.0	144.9	109.3	88.3
25°	438.5	374.2	348.3	335.9	312.9	299.3	278.5	250.7	210.3	165.2	144.7
22.5°	673.1	618.3	548.7	476.3	479.8	455.2	388.2	330.3	315.6	315.8	249.6
20°	1224.3	1035.2	851.5	825.7	787.7	670.8	533.2	524.2	575.2	528.3	390.4
17.5°	2843.4	1961.0	1571.8	1472.3	1263.2	1006.3	961.0	913.3	884.2	791.8	558.6
15°	5485.7	4012.9	2981.2	2433.7	1991.3	1733.7	1604.4	1357.9	1241.3	1084.7	809.2
12.5°	12274.1	7520.9	4577.2	3708.1	3056.5	2584.6	2314.9	1943.3	1647.2	1458.2	1183.8
10°	20652.3	12651.4	7622.5	5390.8	4291.2	3516.6	2974.2	2480.1	2075.0	1856.2	1569.6
7.5°	32263.0	19141.6	11067.8	7068.0	5420.8	4288.0	3512.1	2945.8	2487.9	2244.2	1958.3
5°	41608.7	24155.8	13325.4	8394.8	6401.9	5037.5	4055.3	3366.2	2885.6	2621.1	2339.8
2.5°	47246.6	26869.7	14843.6	9583.2	7254.7	5675.2	4526.2	3683.8	3168.9	2840.7	2533.9
0°	50547.0	28982.4	16339.7	10145.0	7722.6	6044.0	4874.2	3915.5	3392.1	3019.3	2701.5
-2.5°	48485.5	28601.2	15819.8	9809.2	7405.3	5883.7	4825.7	3987.1	3474.9	3080.8	2708.9
-5°	43510.2	24815.2	14024.7	9040.5	6888.7	5525.3	4605.2	3916.0	3454.7	3090.9	2681.5
-7.5°	35988.1	20451.4	11954.7	8108.8	6260.2	5065.2	4269.2	3680.1	3246.3	2929.3	2515.4
-10°	26667.0	15680.1	9743.1	6999.7	5539.1	4570.5	3922.1	3411.8	3033.9	2761.1	2323.6
-12.5°	20034.2	11738.5	7475.4	5784.5	4767.5	4078.7	3595.8	3129.2	2823.5	2590.5	2111.3
-15°	13348.9	8845.3	6316.7	4963.4	4143.2	3648.5	3291.5	2892.5	2665.3	2428.1	1882.1
-17.5°	9827.4	6672.6	5108.9	4270.3	3692.8	3306.8	3012.5	2723.5	2504.0	2222.6	1638.6
-20°	6868.0	5314.8	4394.4	3750.4	3317.8	3029.1	2762.4	2545.7	2325.3	1933.8	1391.9



REPORT NUMBER: P1305723 (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°	5293.0	4520.9	3868.2	3331.4	3000.4	2776.1	2566.6	2369.1	2131.0	1629.0	1150.5
-25°	4403.0	3934.9	3499.5	3131.8	2775.6	2542.8	2387.7	2200.9	1838.0	1341.1	945.7
-27.5°	3783.4	3484.0	3280.7	2945.2	2623.8	2381.2	2217.6	2011.3	1550.0	1122.3	905.5
-30°	3354.4	3198.6	3007.2	2724.7	2453.4	2247.5	2075.7	1702.1	1295.0	952.6	884.0
-32.5°	3080.1	2942.1	2740.7	2486.4	2279.5	2136.7	1809.0	1408.6	1039.8	928.4	854.0
-35°	2903.8	2707.8	2483.7	2307.8	2174.0	1878.8	1517.4	1135.4	967.2	898.0	819.0
-37.5°	2675.9	2468.0	2317.9	2156.9	1885.5	1563.2	1187.3	1016.0	940.0	857.8	772.9
-40°	2461.3	2299.3	2064.3	1822.0	1510.8	1170.3	1061.7	995.6	904.0	809.3	719.7
-42.5°	2136.1	1921.6	1669.8	1375.9	1140.0	1096.0	1040.2	950.0	854.6	754.4	664.3
-45°	1661.2	1421.8	1199.2	1153.9	1110.3	1048.5	982.2	885.5	785.6	693.1	606.1
-47.5°	1229.8	1184.9	1146.1	1096.9	1033.6	967.5	888.3	801.3	711.6	627.3	558.6
-50°	1141.4	1098.2	1051.3	997.9	929.8	858.2	786.5	714.2	637.9	571.8	506.3
-52.5°	1033.6	983.8	930.1	873.3	813.5	749.7	685.7	632.9	573.9	510.4	447.8
-55°	892.3	849.0	801.7	751.1	700.4	654.0	606.4	556.3	502.2	443.3	387.3
-57.5°	757.2	720.4	684.8	647.9	610.0	565.5	518.8	472.1	425.8	373.8	325.5
-60°	643.3	613.2	579.7	544.1	506.8	467.2	427.3	386.5	345.0	311.0	275.7
-62.5°	525.5	494.5	467.2	438.6	406.1	370.5	339.0	312.5	285.2	255.6	221.3
-65°	424.0	396.9	370.3	345.6	320.4	294.9	272.2	247.4	221.1	193.9	163.8
-67.5°	337.3	311.4	288.9	268.1	245.5	220.6	198.4	176.3	156.8	137.3	113.4
-70°	255.7	232.1	210.7	190.2	169.2	149.6	133.7	118.3	101.7	86.7	70.7
-72.5°	166.7	146.9	129.3	114.8	101.1	90.5	80.2	69.3	57.9	45.8	36.9
-75°	86.8	76.8	67.4	60.1	52.1	43.4	39.3	37.2	34.9	32.4	29.5
-77.5°	48.6	43.7	39.5	37.7	35.8	33.8	31.8	29.6	27.6	25.7	23.8
-80°	36.5	33.1	29.9	28.4	27.0	25.7	24.4	22.9	21.5	20.2	19.1
-82.5°	24.1	21.7	19.4	18.9	18.3	17.7	17.0	16.5	16.0	15.6	15.3
-85°	16.8	14.5	12.2	12.1	11.9	11.7	11.6	11.6	11.7	11.6	11.5
-87.5°	13.2	11.3	9.4	9.4	9.3	9.3	9.2	9.1	9.0	8.8	8.6
-90°	2.8	3.2	3.7	4.2	4.6	5.1	5.5	5.5	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.3	7.3	7.3
85°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	6.9	6.9	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.5	7.8	7.8	7.6	7.3	7.3	7.3	7.3
70°	10.0	7.8	7.3	7.4	7.9	8.5	8.4	7.9	7.3	7.3	7.3
67.5°	14.8	11.3	8.8	7.5	7.5	8.1	8.9	8.7	8.0	7.3	7.3
65°	26.0	17.4	10.8	9.0	7.8	7.5	8.2	9.0	8.7	7.9	7.3
62.5°	33.4	25.6	17.4	11.5	8.5	7.6	7.5	8.5	9.1	8.5	7.7
60°	36.8	29.4	23.5	17.3	11.2	7.8	7.4	8.0	8.8	9.1	8.2
57.5°	33.6	31.3	26.8	21.8	15.9	9.9	7.5	8.0	8.6	9.1	8.7
55°	28.4	27.5	28.2	24.4	19.5	13.6	8.8	8.1	8.5	9.0	9.2
52.5°	21.1	24.1	26.8	25.9	21.6	16.8	11.7	8.2	8.6	9.0	9.2
50°	15.5	20.1	25.1	26.2	23.3	18.6	14.1	9.9	8.7	9.1	9.3
47.5°	14.4	18.2	22.3	26.5	24.9	20.4	15.8	11.5	8.8	9.2	9.4
45°	14.8	18.0	21.1	24.8	26.5	21.7	17.3	12.6	9.7	9.4	9.6
42.5°	16.4	19.2	21.5	23.7	25.4	22.7	18.7	13.8	10.3	9.6	9.8
40°	21.2	21.6	22.9	24.9	24.6	23.3	19.3	15.0	10.7	10.0	10.1
37.5°	27.7	26.5	25.8	28.6	25.6	23.3	19.6	16.1	11.9	10.8	10.4
35°	37.0	33.8	32.1	34.4	30.8	23.9	19.6	16.7	13.8	11.6	10.7
32.5°	47.6	45.5	43.5	41.2	38.1	25.2	20.1	18.3	15.8	12.4	11.1
30°	64.0	66.5	57.5	48.8	46.4	32.0	22.7	20.3	17.8	13.3	11.5
27.5°	99.9	94.1	75.1	61.1	53.6	41.2	28.2	22.7	19.9	14.5	12.3
25°	146.5	130.7	102.3	76.1	61.5	66.7	34.8	25.6	21.9	16.2	13.0
22.5°	202.6	175.5	133.9	92.6	96.9	100.1	49.0	30.8	24.1	17.9	13.7
20°	265.9	227.1	180.6	154.0	141.7	131.9	73.5	36.6	26.4	19.6	14.4
17.5°	345.4	323.3	293.3	234.2	192.7	167.0	102.2	42.8	28.9	21.2	15.1
15°	565.7	471.5	418.2	323.9	247.2	204.8	134.2	49.3	31.4	22.8	15.9
12.5°	831.3	622.6	552.1	420.9	304.3	244.6	168.3	56.0	34.0	24.6	16.9
10°	1115.7	775.6	692.1	522.6	363.0	285.7	203.4	64.2	38.4	26.5	17.9
7.5°	1409.4	929.1	835.2	626.5	421.3	326.6	242.1	75.6	43.1	28.4	19.0
5°	1674.3	1058.6	949.9	714.8	473.6	365.8	279.8	87.0	47.9	30.1	20.1
2.5°	1801.8	1149.2	1040.9	796.2	523.8	403.3	314.6	98.1	52.5	31.7	21.1
0°	1902.7	1236.0	1124.0	870.5	571.2	438.9	345.3	108.4	56.9	33.1	22.0
-2.5°	1912.4	1233.8	1112.9	869.4	588.0	453.0	351.8	124.1	70.0	42.0	26.3
-5°	1892.7	1226.7	1094.4	860.8	601.0	464.4	353.5	138.6	82.4	50.5	30.3
-7.5°	1781.1	1185.9	1058.4	843.7	609.9	472.5	351.0	151.9	94.0	58.4	34.0
-10°	1628.4	1124.1	1001.0	805.3	599.9	471.3	344.7	163.8	104.6	65.5	37.3
-12.5°	1450.4	1060.9	942.9	764.1	584.1	462.5	333.7	174.6	114.1	71.6	40.0
-15°	1248.5	997.4	886.2	721.6	565.4	452.1	321.3	184.0	122.7	77.2	42.1
-17.5°	1030.4	934.4	832.5	679.1	544.2	440.2	308.5	191.5	130.2	82.5	44.5
-20°	964.3	885.5	782.0	637.7	520.5	427.3	295.8	197.0	136.3	86.5	46.7



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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°	926.5	846.6	737.5	605.6	498.2	413.5	284.1	200.6	141.0	89.0	47.9
-25°	889.7	807.4	694.9	577.6	479.9	393.6	279.8	201.9	144.2	90.0	48.0
-27.5°	847.7	765.6	652.4	547.4	462.4	377.1	279.9	204.7	145.7	89.4	46.9
-30°	804.3	717.5	615.1	518.1	443.2	357.1	277.4	205.7	144.7	87.8	44.6
-32.5°	768.7	671.1	577.6	495.1	420.0	336.0	266.9	204.7	141.4	85.0	42.9
-35°	725.7	629.7	539.6	470.5	394.8	318.6	252.8	201.8	135.9	80.5	40.7
-37.5°	679.4	588.4	511.3	443.3	368.7	298.9	239.8	188.3	128.0	74.0	37.5
-40°	631.4	549.2	481.8	414.1	343.8	276.9	225.1	171.6	118.7	65.8	33.2
-42.5°	581.3	513.9	447.8	383.5	317.3	258.6	208.2	153.2	104.3	58.5	27.8
-45°	539.2	474.3	410.0	349.2	289.5	238.5	185.9	133.5	88.1	51.0	23.7
-47.5°	492.9	429.7	369.9	312.5	264.7	215.1	161.7	114.0	71.0	42.1	22.5
-50°	441.0	382.9	327.7	279.7	236.5	186.2	136.4	93.3	58.6	31.1	21.2
-52.5°	388.7	334.8	288.6	247.2	202.3	155.2	111.7	72.0	45.6	26.2	19.6
-55°	334.2	290.8	251.5	209.6	165.8	125.1	85.7	56.8	32.0	23.8	17.9
-57.5°	287.1	249.1	209.3	168.8	130.6	94.3	64.6	41.0	26.8	21.3	16.8
-60°	239.8	201.6	164.1	129.4	95.8	68.0	46.4	29.0	23.9	19.0	15.5
-62.5°	186.7	152.8	121.2	90.4	66.9	47.3	30.4	25.7	20.9	17.4	14.2
-65°	136.2	107.5	79.0	61.5	43.8	30.6	26.7	22.3	18.9	15.9	12.9
-67.5°	88.2	69.6	51.9	36.1	29.9	26.4	22.8	19.9	17.1	14.2	12.0
-70°	54.5	38.9	31.7	28.4	25.3	22.3	20.2	17.8	15.2	13.2	11.1
-72.5°	33.3	29.8	26.4	23.5	21.6	19.8	17.8	15.8	14.0	12.1	10.1
-75°	26.5	24.3	22.3	20.5	18.8	17.2	15.8	14.5	12.7	10.9	9.8
-77.5°	22.1	20.4	18.9	17.5	16.2	15.1	14.1	13.1	11.5	10.4	9.6
-80°	18.0	16.8	15.6	14.5	13.6	12.9	12.3	11.6	10.6	9.8	9.4
-82.5°	14.3	13.4	12.6	11.9	11.5	11.0	10.6	10.2	9.6	9.2	9.0
-85°	11.0	10.5	10.1	9.7	9.5	9.2	9.1	8.9	8.8	8.6	8.4
-87.5°	8.6	8.5	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.9
-90°	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
82.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
72.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
70°	7.3	7.3	7.3	7.3	7.3	7.3	7.3
67.5°	7.4	7.3	7.3	7.3	7.3	7.3	7.3
65°	7.4	7.4	7.3	7.3	7.3	7.3	7.3
62.5°	7.5	7.5	7.3	7.3	7.3	7.3	7.3
60°	7.7	7.7	7.3	7.3	7.3	7.3	7.3
57.5°	8.0	7.9	7.5	7.3	7.3	7.3	7.3
55°	8.4	8.1	7.7	7.3	7.4	7.3	7.3
52.5°	8.7	8.3	7.9	7.3	7.4	7.3	7.3
50°	9.0	8.5	8.1	7.3	7.4	7.3	7.3
47.5°	9.2	8.7	8.3	7.3	7.5	7.3	7.3
45°	9.4	8.8	8.5	7.5	7.5	7.3	7.3
42.5°	9.5	9.0	8.8	7.7	7.6	7.3	7.3
40°	9.7	9.1	8.9	7.9	7.7	7.3	7.3
37.5°	10.0	9.2	9.0	8.1	7.7	7.3	7.3
35°	10.2	9.3	9.1	8.3	7.8	7.3	7.3
32.5°	10.5	9.5	9.2	8.5	7.9	7.3	7.3
30°	10.8	9.7	9.2	8.6	8.0	7.3	7.3
27.5°	11.1	9.9	9.2	8.7	8.1	7.3	7.3
25°	11.4	10.1	9.2	8.9	8.2	7.3	7.3
22.5°	11.8	10.3	9.2	8.9	8.3	7.3	7.3
20°	12.1	10.4	9.2	9.0	8.4	7.3	7.3
17.5°	12.4	10.6	9.2	9.1	8.5	7.3	7.3
15°	12.5	10.7	9.2	9.1	8.6	7.3	7.3
12.5°	12.6	10.8	9.2	9.2	8.7	7.3	7.3
10°	12.7	10.9	9.2	9.2	8.8	7.3	7.3
7.5°	12.8	10.9	9.2	9.2	8.9	7.3	7.3
5°	12.9	11.0	9.2	9.2	9.0	7.3	7.3
2.5°	12.9	11.0	9.2	9.2	9.1	7.3	7.3
0°	12.9	11.0	9.2	9.2	9.2	7.3	7.3
-2.5°	14.6	11.4	9.4	9.2	9.2	7.3	7.3
-5°	16.2	11.8	9.5	9.2	9.2	7.3	7.3
-7.5°	17.7	12.1	9.7	9.2	9.2	7.3	7.3
-10°	19.1	12.4	9.8	9.2	9.1	7.3	7.3
-12.5°	20.2	12.7	9.9	9.2	9.1	7.3	7.3
-15°	21.1	12.9	10.0	9.2	9.1	7.3	7.3
-17.5°	21.8	13.1	10.1	9.2	9.0	7.3	7.3
-20°	22.4	13.2	10.1	9.2	9.0	7.3	7.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.1	13.2	10.2	9.2	8.9	7.3	7.3
-25°	23.2	13.3	10.2	9.2	8.8	7.3	7.3
-27.5°	22.7	13.4	10.1	9.2	8.8	7.3	7.3
-30°	21.5	13.4	10.0	9.2	8.7	7.3	7.3
-32.5°	19.7	13.3	10.1	9.2	8.6	7.3	7.3
-35°	18.9	13.1	10.1	9.2	8.5	7.3	7.3
-37.5°	18.6	12.9	10.0	9.2	8.4	7.3	7.3
-40°	18.1	12.8	9.9	9.2	8.3	7.3	7.3
-42.5°	17.5	12.6	9.8	9.2	8.2	7.3	7.3
-45°	16.7	12.3	9.8	9.2	8.1	7.3	7.3
-47.5°	15.8	12.0	9.8	9.2	8.0	7.3	7.3
-50°	15.2	11.6	9.8	9.1	7.8	7.3	7.3
-52.5°	14.5	11.1	9.7	8.9	7.7	7.3	7.3
-55°	13.8	10.9	9.5	8.7	7.6	7.3	7.3
-57.5°	13.0	10.6	9.4	8.6	7.4	7.3	7.3
-60°	12.1	10.3	9.2	8.4	7.3	7.3	7.3
-62.5°	11.5	9.9	9.0	8.2	7.3	7.3	7.3
-65°	10.8	9.4	8.8	8.1	7.3	7.3	7.3
-67.5°	10.1	9.1	8.7	7.9	7.3	7.3	7.3
-70°	9.3	9.0	8.5	7.7	7.3	7.3	7.3
-72.5°	9.2	8.9	8.4	7.7	7.3	7.3	7.3
-75°	9.2	8.8	8.2	7.6	7.3	7.3	7.3
-77.5°	9.2	8.7	8.1	7.6	7.3	7.3	7.3
-80°	9.2	8.5	7.9	7.5	7.3	7.3	7.3
-82.5°	8.8	8.2	7.8	7.5	7.3	7.3	7.3
-85°	8.3	7.9	7.6	7.4	7.3	7.3	7.3
-87.5°	7.8	7.6	7.5	7.4	7.3	7.3	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)