

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: P1305714 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

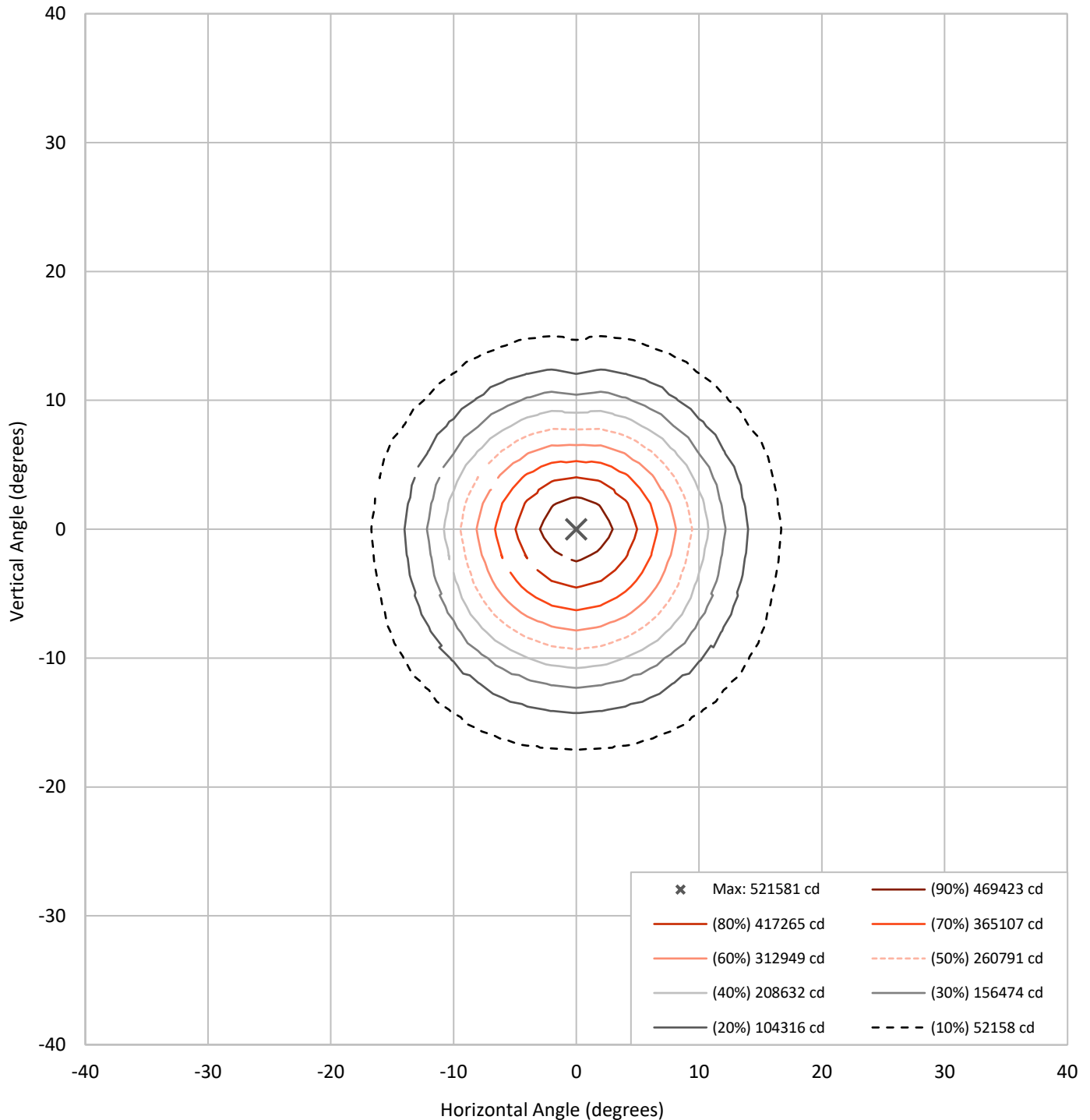
Test Method: LM-79-08
Report Number: P1305714 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	60133.8 lumens	Max Intensity:	521581 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	27699 lumens	Field Lumens:	50915 lumens
Beam Efficiency:	46.1%	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





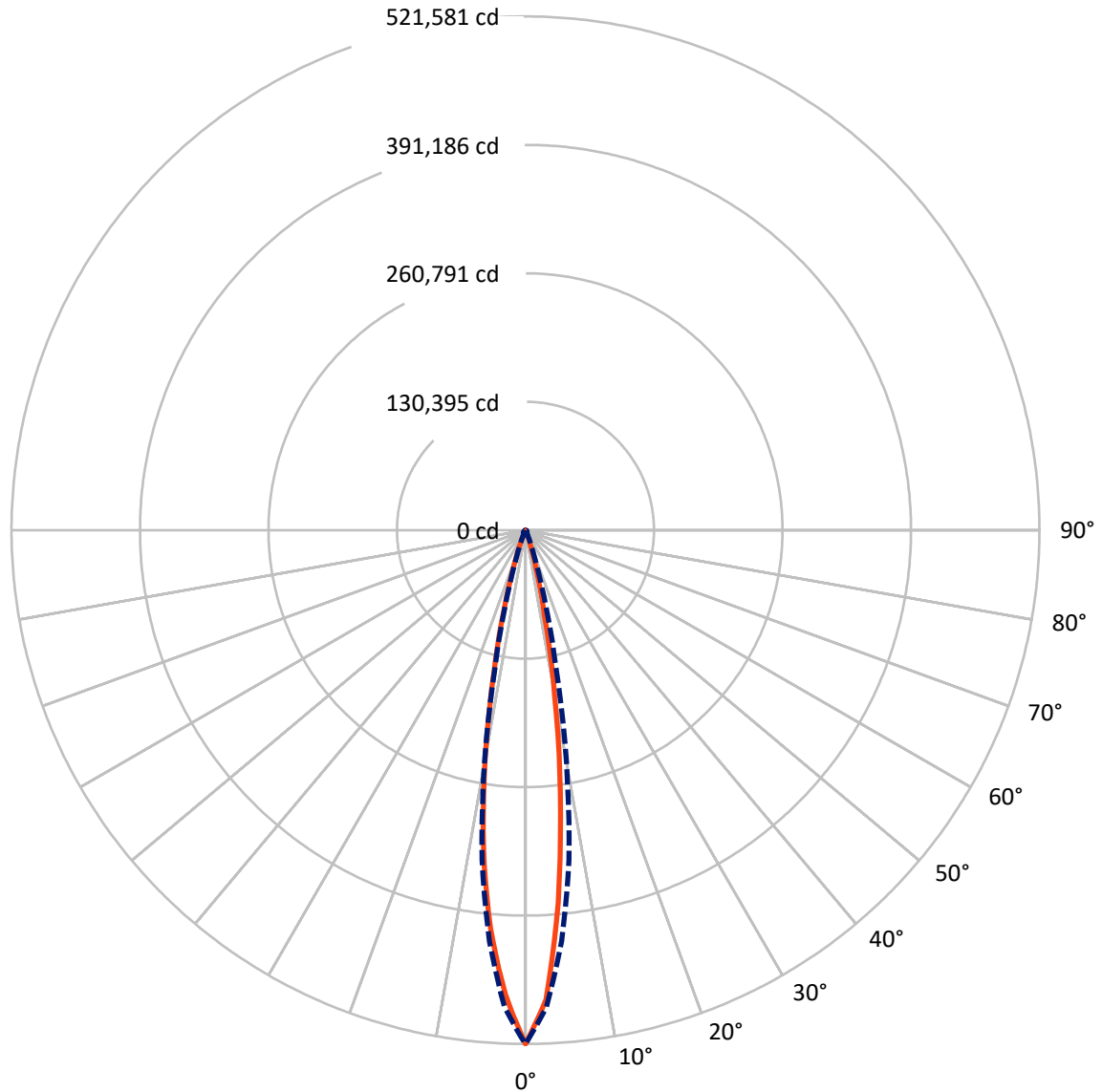
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Lumen Table

90	0.1	0.3		0.5		0.4		0.5		0.4		0.5		0.3		0.1
80	0.1	0.3		0.5		0.4		0.5		0.4		0.5		0.3		0.1
70	0.1	0.1	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.1	0.1
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1	
50	0.2	0.1	0.3	0.4	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.4	0.3	0.1	0.2
40		0.2	0.7	1.3	2.9	4.6	4.8	5.6	5.6	4.8	4.6	2.9	1.3	0.7	0.2	
30	0.2	0.3	2.1	7.3	19.4	23.6	31.2	58.2	58.2	31.2	23.6	19.4	7.3	2.1	0.3	0.2
20		0.7	4.7	19.0	41.4	58.1	397.1	1596.8	1596.8	397.1	58.1	41.4	19.0	4.7	0.7	
10	0.3	1.4	8.0	36.6	62.5	144.8	2074.8	8954.1	8954.1	2074.8	144.8	62.5	36.6	8.0	1.4	0.3
0		2.2	10.5	43.2	72.2	143.8	2251.0	9583.3	9583.3	2251.0	143.8	72.2	43.2	10.5	2.2	
-10	0.4	2.6	10.8	40.6	76.9	90.3	652.9	2472.3	2472.3	652.9	90.3	76.9	40.6	10.8	2.6	0.4
-20		2.4	9.5	22.4	58.6	72.7	88.7	164.0	164.0	88.7	72.7	58.6	22.4	9.5	2.4	
-30	0.4	2.1	7.1	13.2	32.6	62.0	74.1	76.8	76.8	74.1	62.0	32.6	13.2	7.1	2.1	0.4
-40		1.3	4.9	10.4	16.7	30.3	55.4	76.4	76.4	55.4	30.3	16.7	10.4	4.9	1.3	
-50	0.2	0.6	2.8	7.0	12.8	18.2	22.7	25.3	25.3	22.7	18.2	12.8	7.0	2.8	0.6	0.2
-60		0.3	1.0	3.2	6.8	11.1	15.5	18.3	18.3	15.5	11.1	6.8	3.2	1.0	0.3	
-70	0.2	0.6	2.8	7.0	12.8	18.2	22.7	25.3	25.3	22.7	18.2	12.8	7.0	2.8	0.6	0.2
-80		0.3	1.0	3.2	6.8	11.1	15.5	18.3	18.3	15.5	11.1	6.8	3.2	1.0	0.3	
-90	0.2	0.8		2.5		6.0		8.9		6.0		2.5		0.8		0.2

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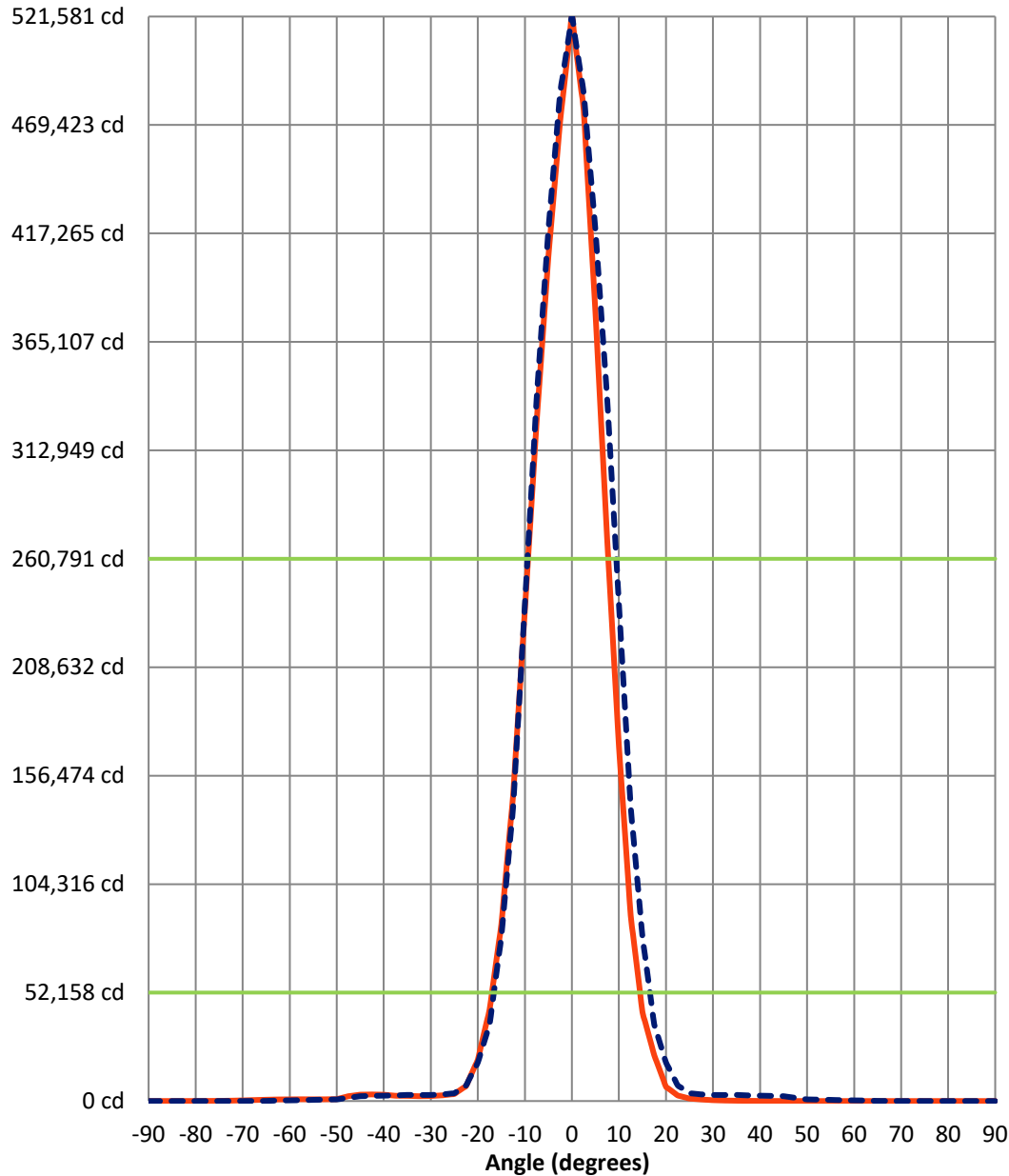
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 17.1°
 Lumens: 27699
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 31.5°
 Lumens: 50915
 Efficiency: 84.7%

Spill:
 Lumens: 9218.8
 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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.7	7.1	7.4	7.7
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.4	5.1
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.4	5.1
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.6	5.5
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	6.0	6.0	6.0
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.2	6.3	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.7	6.8	6.7
62.5°	6.4	6.4	6.4	6.4	6.4	6.5	6.6	6.6	7.0	7.0	6.7
60°	6.4	6.4	6.4	6.4	6.4	6.7	6.6	7.0	7.3	7.1	6.8
57.5°	6.4	6.4	6.4	6.4	6.5	6.8	6.9	7.3	7.4	7.1	6.9
55°	6.4	6.4	6.4	6.4	6.7	6.9	7.1	7.7	7.5	7.2	6.9
52.5°	6.4	6.4	6.4	6.4	6.8	7.1	7.4	7.7	7.6	7.3	7.0
50°	6.4	6.4	6.4	6.4	6.9	7.2	7.6	7.7	7.6	7.4	7.9
47.5°	6.4	6.4	6.4	6.4	7.1	7.3	7.7	7.7	7.7	7.4	8.7
45°	6.4	6.4	6.4	6.5	7.2	7.5	7.7	7.7	7.7	8.0	9.3
42.5°	6.4	6.4	6.4	6.7	7.4	7.6	7.7	7.7	7.8	8.4	10.1
40°	6.4	6.4	6.4	6.8	7.5	7.6	7.7	7.9	8.0	8.8	10.9
37.5°	6.4	6.4	6.4	6.9	7.6	7.7	7.7	8.0	8.4	9.3	11.4
35°	6.4	6.4	6.4	7.0	7.6	7.7	7.7	8.1	8.8	10.2	11.8
32.5°	6.4	6.4	6.4	7.1	7.7	7.7	7.7	8.3	9.1	11.3	13.2
30°	6.4	6.4	6.4	7.2	7.7	7.7	7.9	8.5	9.5	12.5	14.9
27.5°	6.4	6.4	6.4	7.3	7.7	7.7	8.0	8.8	10.0	13.9	16.9
25°	6.4	6.4	6.4	7.3	7.7	7.7	8.2	9.1	11.1	15.4	19.1
22.5°	6.4	6.4	6.4	7.4	7.7	7.7	8.3	9.3	12.2	17.1	22.4
20°	6.4	6.4	6.4	7.5	7.7	7.8	8.5	9.6	13.3	19.0	25.6
17.5°	6.4	6.4	6.4	7.5	7.7	7.9	8.7	9.8	14.4	20.9	28.7
15°	6.4	6.4	6.4	7.6	7.7	8.1	9.0	10.1	15.6	22.8	31.7
12.5°	6.4	6.4	6.4	7.6	7.7	8.2	9.2	10.6	16.8	24.7	34.4
10°	6.4	6.4	6.4	7.6	7.7	8.4	9.5	11.0	18.0	27.1	38.5
7.5°	6.4	6.4	6.4	7.7	7.7	8.5	9.7	11.5	19.1	29.4	45.7
5°	6.4	6.4	6.4	7.7	7.7	8.7	9.9	12.0	20.1	31.7	53.3
2.5°	6.4	6.4	6.4	7.7	7.7	8.9	10.1	12.4	21.0	33.9	60.7
0°	6.4	6.4	6.4	7.7	7.7	9.0	10.3	12.8	21.8	35.9	67.9
-2.5°	6.4	6.4	6.5	7.7	7.8	9.1	11.0	15.4	27.5	46.6	86.0
-5°	6.4	6.4	6.5	7.7	7.9	9.3	11.6	17.9	33.0	56.8	103.1
-7.5°	6.4	6.4	6.6	7.7	8.0	9.4	12.2	20.2	38.0	66.2	118.6
-10°	6.4	6.4	6.6	7.7	8.1	9.5	12.7	22.2	42.4	74.6	132.3
-12.5°	6.4	6.4	6.7	7.6	8.2	9.6	13.1	23.9	46.1	82.0	142.9
-15°	6.4	6.4	6.7	7.6	8.3	9.6	13.4	25.1	50.2	89.8	151.3
-17.5°	6.4	6.4	6.8	7.6	8.3	9.7	13.6	27.0	54.9	96.3	157.6
-20°	6.4	6.4	6.8	7.6	8.4	9.7	14.1	29.2	58.4	101.3	161.7



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 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.4	6.4	6.8	7.6	8.4	9.8	14.9	30.5	60.7	104.8	163.6
-25°	6.4	6.4	6.8	7.6	8.4	10.0	15.4	31.0	61.6	106.6	163.1
-27.5°	6.4	6.4	6.9	7.6	8.4	10.3	15.5	30.5	61.1	107.1	164.5
-30°	6.4	6.4	6.9	7.6	8.3	10.5	15.2	29.1	60.1	106.4	163.9
-32.5°	6.4	6.4	6.9	7.6	8.4	10.6	14.5	28.4	58.5	103.6	160.9
-35°	6.4	6.4	6.9	7.6	8.4	10.6	14.3	27.5	55.3	98.8	155.6
-37.5°	6.4	6.4	6.9	7.6	8.4	10.6	14.3	26.0	50.7	91.8	141.9
-40°	6.4	6.4	6.8	7.7	8.4	10.6	14.2	23.7	44.6	84.6	127.1
-42.5°	6.4	6.4	6.8	7.7	8.4	10.5	14.0	20.8	40.0	73.5	111.2
-45°	6.4	6.4	6.8	7.8	8.4	10.4	13.6	18.5	35.8	61.3	94.7
-47.5°	6.4	6.4	6.7	7.8	8.4	10.2	13.1	17.9	30.6	48.5	80.2
-50°	6.4	6.4	6.7	7.7	8.4	10.0	12.7	17.1	24.1	41.1	65.0
-52.5°	6.4	6.4	6.6	7.6	8.4	9.7	12.3	16.1	21.0	33.3	49.8
-55°	6.4	6.4	6.6	7.5	8.3	9.5	11.8	15.0	19.4	25.1	40.6
-57.5°	6.4	6.4	6.5	7.4	8.3	9.4	11.3	14.2	17.7	21.8	31.1
-60°	6.4	6.4	6.4	7.2	8.2	9.2	10.7	13.4	16.1	19.8	23.7
-62.5°	6.4	6.4	6.4	7.1	8.0	8.9	10.3	12.5	15.1	17.8	21.4
-65°	6.4	6.4	6.4	7.0	7.8	8.7	9.9	11.7	14.0	16.5	19.1
-67.5°	6.4	6.4	6.4	6.8	7.6	8.4	9.5	11.0	12.9	15.2	17.5
-70°	6.4	6.4	6.4	6.7	7.4	8.2	9.0	10.4	12.1	14.0	16.1
-72.5°	6.4	6.4	6.4	6.7	7.2	7.9	8.6	9.6	11.1	12.8	14.7
-75°	6.4	6.4	6.4	6.6	7.0	7.7	8.3	9.2	10.2	11.6	13.3
-77.5°	6.4	6.4	6.4	6.6	6.9	7.4	8.0	8.7	9.6	10.5	11.7
-80°	6.4	6.4	6.4	6.6	6.8	7.2	7.7	8.3	9.0	9.8	10.6
-82.5°	6.4	6.4	6.4	6.5	6.7	7.0	7.4	7.9	8.4	9.0	9.6
-85°	6.4	6.4	6.4	6.5	6.6	6.8	7.1	7.5	7.9	8.4	8.8
-87.5°	6.4	6.4	6.4	6.4	6.5	6.6	6.7	7.1	7.5	7.9	8.2
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.4	5.1



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 CATALOG NUMBER: EPH-08-640L-57-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
87.5°	5.1	5.1	5.1	5.1	4.8	4.5	4.1	3.8	3.8	3.8	3.8
85°	5.1	5.1	5.1	5.1	4.8	4.5	4.1	3.8	3.8	3.8	3.8
82.5°	5.5	5.4	5.3	5.1	4.8	4.5	4.2	4.0	4.0	4.0	3.9
80°	6.0	5.8	5.5	5.2	4.9	4.8	4.8	4.9	4.8	4.5	4.2
77.5°	6.1	5.8	5.5	5.2	5.1	5.2	5.3	5.1	4.9	4.5	4.2
75°	6.2	5.9	5.7	5.7	5.8	5.7	5.6	5.2	5.0	4.9	4.9
72.5°	6.3	6.1	6.2	6.4	6.2	5.9	5.6	5.3	5.6	6.2	6.7
70°	6.3	6.4	6.4	6.4	6.3	6.1	6.4	7.2	8.3	9.6	11.9
67.5°	6.4	6.4	6.4	6.4	6.4	6.8	7.8	12.5	18.1	20.5	21.5
65°	6.4	6.4	6.4	6.4	6.4	9.9	15.2	21.7	28.5	29.8	29.0
62.5°	6.4	6.4	6.4	7.3	10.3	15.1	21.3	28.3	36.3	36.5	31.9
60°	6.5	6.4	7.7	10.6	14.1	18.8	25.8	31.4	37.4	40.0	30.6
57.5°	6.6	7.4	10.1	13.5	17.2	20.8	24.9	30.4	33.3	33.7	24.9
55°	7.1	9.1	12.2	16.1	19.0	18.8	21.9	24.4	25.4	24.0	17.2
52.5°	8.4	10.7	14.4	17.9	19.1	17.7	17.1	18.7	18.0	15.5	12.6
50°	9.6	12.5	16.4	19.3	19.1	16.3	13.8	14.6	13.9	12.2	10.3
47.5°	10.9	14.2	18.7	20.7	18.3	16.4	14.1	13.4	12.7	13.0	11.6
45°	12.1	15.8	20.8	20.3	18.8	18.1	16.3	14.0	16.3	16.7	16.2
42.5°	13.1	17.2	20.7	20.3	21.3	20.9	19.4	20.4	21.6	22.7	23.2
40°	14.0	18.3	21.0	24.1	24.6	24.4	26.5	28.4	28.5	30.4	31.9
37.5°	14.6	19.3	23.6	30.7	28.4	30.7	34.8	38.5	40.6	39.0	43.6
35°	15.0	20.9	32.0	39.5	37.4	39.2	45.8	53.1	60.2	56.1	64.1
32.5°	16.2	23.3	42.7	49.4	56.6	56.9	58.1	78.2	93.6	100.5	104.3
30°	19.0	33.1	54.6	60.9	83.6	88.3	87.6	112.5	140.8	208.2	259.9
27.5°	23.0	45.0	65.6	84.7	116.9	125.3	137.2	165.9	252.7	380.9	526.0
25°	26.9	60.6	77.6	116.8	152.8	169.9	190.4	233.7	409.3	696.7	801.9
22.5°	35.1	77.9	97.1	153.5	192.5	215.9	253.1	358.7	601.2	1042.9	1071.3
20°	48.5	94.1	125.5	188.2	235.7	261.4	315.7	488.3	814.7	1136.4	1261.6
17.5°	62.6	112.0	156.6	223.3	282.5	319.1	385.9	611.6	980.9	1257.5	1405.0
15°	77.1	131.3	185.3	262.0	333.7	391.4	524.6	778.2	1096.2	1400.4	1612.7
12.5°	91.6	151.5	211.7	303.2	388.6	463.6	692.3	1053.6	1347.9	1592.7	1873.0
10°	105.8	172.0	235.7	345.9	445.8	535.1	876.9	1350.1	1640.2	1856.2	2101.8
7.5°	140.3	203.6	262.4	388.5	503.9	605.0	1069.7	1657.2	1905.9	2081.8	2266.8
5°	179.1	245.8	313.9	452.0	567.3	671.8	1257.4	1962.5	2149.8	2277.4	2392.4
2.5°	217.6	286.5	364.2	515.2	630.4	733.3	1415.7	2161.2	2321.7	2443.1	2534.8
0°	253.7	325.5	412.6	574.1	689.4	790.6	1551.7	2329.5	2474.3	2596.0	2706.2
-2.5°	273.9	357.0	448.9	596.5	696.1	794.2	1445.8	2272.2	2488.3	2650.6	2815.1
-5°	289.7	386.0	482.5	615.4	700.9	794.5	1321.8	2173.2	2504.9	2706.8	2907.7
-7.5°	301.0	411.9	513.2	630.9	706.6	797.6	1315.1	2208.3	2604.9	2787.8	2985.0
-10°	306.0	421.6	519.4	634.0	713.4	801.1	1298.7	2192.0	2701.2	2872.2	3049.2
-12.5°	296.4	417.0	517.7	633.0	719.1	800.8	1232.2	2118.6	2797.4	2964.6	3080.8
-15°	285.4	410.2	511.5	627.6	723.9	796.7	1108.9	1984.7	2814.8	2922.0	3036.5
-17.5°	273.5	401.4	500.6	617.8	728.2	788.7	913.8	1646.7	2524.6	2782.1	2964.1
-20°	261.6	390.7	484.5	603.5	728.7	762.3	826.0	1321.6	2061.4	2580.7	2820.6



REPORT NUMBER: P1305714 (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°	250.1	378.2	466.4	584.0	680.4	722.5	769.1	1020.1	1578.0	2321.6	2567.0
-25°	244.9	359.2	449.6	543.4	631.0	680.9	707.7	776.4	1180.7	1832.6	2285.8
-27.5°	243.0	342.7	424.6	504.2	588.4	635.8	656.7	707.4	926.7	1361.2	1973.4
-30°	238.1	317.5	398.2	468.7	546.1	592.0	609.1	653.7	728.7	1043.6	1487.7
-32.5°	223.8	291.5	369.1	438.2	505.6	558.5	581.3	621.9	675.9	772.0	1090.7
-35°	206.0	269.3	338.7	406.8	468.6	526.4	566.6	595.9	632.6	681.1	837.5
-37.5°	190.2	246.1	308.1	374.0	433.6	492.9	549.9	576.6	605.4	642.5	708.0
-40°	172.9	221.9	280.5	340.5	398.9	456.7	512.0	560.3	583.1	621.4	666.4
-42.5°	154.4	201.3	253.2	307.1	362.8	417.4	472.1	523.5	572.9	603.1	639.1
-45°	135.6	179.2	225.7	276.1	325.8	377.0	428.2	481.0	542.1	594.9	621.3
-47.5°	115.8	156.1	199.8	244.5	290.4	336.6	383.3	440.2	501.1	558.3	613.8
-50°	95.9	133.0	173.3	215.2	256.2	297.6	340.1	399.6	458.4	514.2	567.1
-52.5°	78.1	108.8	146.9	186.7	224.2	261.1	304.7	358.9	415.2	470.2	520.5
-55°	59.6	87.5	119.3	156.6	194.1	227.6	269.8	319.3	370.2	423.1	472.5
-57.5°	45.9	66.4	93.7	124.5	160.3	197.4	238.2	279.4	325.7	373.8	417.5
-60°	34.8	49.0	69.2	95.1	123.3	160.1	204.2	245.0	284.0	322.3	363.2
-62.5°	25.0	36.3	49.6	67.0	91.2	119.8	157.1	199.1	244.2	277.4	309.7
-65°	22.5	25.9	35.1	47.4	60.2	83.7	111.9	143.4	181.4	215.1	249.6
-67.5°	19.9	23.0	26.1	30.9	42.2	54.8	68.0	93.1	120.7	144.1	168.5
-70°	18.1	20.3	23.0	25.8	28.7	34.3	45.4	57.0	68.4	81.5	101.2
-72.5°	16.4	18.1	20.1	22.4	25.0	27.9	30.9	34.3	40.9	49.4	57.5
-75°	14.6	15.8	17.3	19.1	21.1	23.4	25.8	28.4	30.8	32.9	35.0
-77.5°	12.7	13.7	14.7	15.9	17.1	18.7	20.5	22.4	24.2	25.8	27.4
-80°	11.1	11.5	12.2	13.0	14.0	15.0	16.0	16.9	17.9	19.0	20.3
-82.5°	9.8	9.9	10.2	10.4	11.1	11.8	12.6	13.4	13.9	14.5	15.1
-85°	8.6	8.4	8.3	8.3	8.8	9.4	10.0	10.6	10.8	11.0	11.2
-87.5°	8.2	8.0	7.9	7.7	7.9	8.1	8.4	8.6	8.7	8.7	8.7
-90°	5.1	5.1	5.1	5.1	4.8	4.5	4.1	3.8	3.8	3.8	3.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.7	8.0	8.4	8.7	9.0	9.6	10.2	10.9	11.5	16.3	21.1
87.5°	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
85°	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
82.5°	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
80°	3.9	3.5	3.2	2.9	2.6	2.5	2.5	2.4	2.4	2.2	1.9
77.5°	4.0	3.8	3.7	3.5	3.3	3.2	3.1	2.9	2.6	2.3	2.0
75°	5.0	5.0	4.8	4.5	4.0	3.6	3.3	3.0	2.7	2.6	2.5
72.5°	7.0	6.9	6.5	6.3	5.7	5.3	5.2	5.0	4.6	4.7	4.8
70°	13.1	13.4	12.8	11.6	9.8	8.7	8.1	7.4	6.4	6.3	6.7
67.5°	20.7	19.0	17.5	15.8	13.4	11.5	10.5	9.5	8.7	8.5	8.7
65°	26.1	20.6	17.7	15.5	13.9	12.4	11.1	9.9	8.7	8.0	7.9
62.5°	26.1	18.6	15.0	13.3	12.1	11.1	9.5	8.0	6.7	5.9	6.0
60°	22.4	15.3	11.3	9.8	8.6	7.7	6.9	6.1	5.5	5.1	5.2
57.5°	17.1	11.1	7.7	7.5	7.2	6.7	6.3	6.1	5.6	5.1	5.4
55°	11.9	9.2	7.8	7.9	8.0	7.9	7.4	6.8	6.3	5.9	6.2
52.5°	9.5	9.3	9.7	9.9	9.1	8.4	7.7	7.6	7.7	8.0	8.3
50°	10.1	10.5	10.7	10.1	9.7	9.3	8.9	9.3	9.9	10.4	10.8
47.5°	11.7	12.3	12.6	11.4	11.5	12.2	11.7	12.0	14.3	16.2	17.5
45°	15.4	17.3	17.5	17.8	17.6	19.3	20.4	21.3	26.1	28.0	27.9
42.5°	23.7	26.5	28.3	30.1	28.7	33.9	41.4	46.4	45.1	43.3	44.0
40°	35.7	40.9	48.3	52.3	56.7	62.6	64.7	56.1	54.8	61.7	62.4
37.5°	54.2	68.4	84.1	96.1	98.2	95.6	92.5	91.2	93.2	97.8	104.7
35°	89.3	122.5	137.0	144.5	149.2	135.2	129.8	135.0	130.6	143.4	147.9
32.5°	158.2	201.0	213.5	219.2	230.8	216.6	185.2	222.4	208.3	206.2	220.5
30°	250.7	310.6	362.0	365.7	357.5	355.3	373.3	378.2	361.4	361.2	417.6
27.5°	480.4	494.0	584.9	626.1	523.2	531.1	580.1	554.0	614.9	673.7	720.2
25°	760.7	772.0	931.0	906.7	797.7	828.7	857.5	851.7	922.3	993.1	1073.5
22.5°	1018.4	1064.6	1195.1	1161.4	1112.8	1126.2	1152.6	1204.8	1299.8	1443.5	1818.2
20°	1224.0	1254.0	1317.4	1346.3	1349.1	1375.3	1459.5	1603.5	1899.3	2869.3	4040.3
17.5°	1422.1	1375.7	1452.0	1501.9	1555.9	1652.3	1847.9	2438.1	3864.2	6804.3	9685.6
15°	1710.0	1681.3	1636.4	1704.8	1854.7	2051.8	2508.6	4666.7	9511.3	15024.3	20756.0
12.5°	2023.5	1985.7	1923.7	1981.4	2209.0	2560.2	4707.5	10176.3	17920.6	27804.2	47056.2
10°	2273.4	2256.5	2217.9	2340.2	2637.2	3695.4	7499.0	16104.1	27619.4	50546.5	78572.6
7.5°	2426.4	2418.6	2451.5	2651.8	3056.4	5396.9	12258.9	24241.0	44476.0	76305.0	123352.7
5°	2593.5	2581.5	2634.5	2877.4	3356.1	6487.7	15977.0	31550.4	61685.3	105721.7	174045.3
2.5°	2772.8	2745.3	2799.8	3076.7	3590.8	6729.7	16811.6	33739.6	71901.0	128397.7	219937.5
0°	2953.5	2897.2	2926.6	3203.4	3765.9	7522.9	18541.3	36895.5	79122.8	141516.8	238875.4
-2.5°	2968.3	2872.7	2902.0	3157.8	3696.5	6477.2	16097.8	33987.6	75200.3	131673.5	218754.7
-5°	2993.2	2868.6	2860.3	3084.6	3597.4	5909.3	13657.3	31084.2	66440.2	115871.3	191331.2
-7.5°	3039.6	2892.3	2821.5	2987.3	3440.4	5137.0	11142.3	25876.6	53749.8	94505.4	149187.8
-10°	3115.8	2957.5	2841.6	2914.4	3242.1	4189.6	7372.4	18807.7	40686.1	71251.9	108317.2
-12.5°	3209.8	3136.6	2962.6	2861.9	3041.9	3555.3	5794.8	14051.9	28585.6	45078.1	72117.3
-15°	3253.4	3281.0	3155.3	2955.0	2966.8	3284.4	4052.8	7693.9	17943.7	29926.8	43265.5
-17.5°	3194.1	3324.9	3179.6	2949.7	2856.6	3044.8	3404.2	4739.1	8291.8	15988.7	23811.8
-20°	3021.1	3063.9	3034.2	2896.2	2798.5	2808.7	2986.6	3332.8	4025.9	6545.5	9314.5



REPORT NUMBER: P1305714 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2700.6	2728.1	2720.4	2822.5	2712.9	2663.6	2702.3	2836.6	3051.8	3378.7	4295.0
-25°	2427.5	2415.8	2479.0	2649.8	2676.8	2557.7	2526.6	2536.3	2658.7	2803.7	3004.6
-27.5°	2166.8	2245.7	2384.5	2557.9	2633.2	2553.1	2452.4	2386.6	2445.5	2491.2	2581.4
-30°	1948.8	2152.6	2298.1	2456.0	2569.3	2556.6	2458.6	2426.3	2398.5	2366.2	2389.0
-32.5°	1601.7	2040.2	2190.3	2319.3	2456.7	2512.3	2511.5	2497.9	2510.4	2484.0	2425.2
-35°	1244.8	1717.4	2107.3	2179.0	2267.8	2398.9	2499.5	2515.4	2530.5	2529.8	2515.7
-37.5°	893.0	1332.3	1727.5	2018.0	2122.3	2218.4	2405.8	2506.0	2538.6	2590.5	2609.5
-40°	732.3	864.1	1259.1	1614.6	1854.2	2145.3	2340.0	2521.2	2707.6	2816.6	2878.2
-42.5°	684.1	738.9	796.8	1070.2	1411.9	1731.5	2036.8	2381.9	2646.6	2852.3	3057.3
-45°	649.4	684.6	723.1	776.8	830.6	1101.3	1412.3	1724.6	2017.7	2313.0	2596.5
-47.5°	635.6	648.6	675.3	706.0	741.9	789.2	834.1	903.6	1145.5	1385.0	1641.9
-50°	613.5	645.8	657.4	668.6	697.5	725.3	746.8	776.2	805.4	823.7	848.0
-52.5°	567.0	608.6	644.2	676.8	695.5	711.7	725.9	750.0	772.6	792.2	805.8
-55°	518.9	561.8	602.8	642.9	680.5	716.4	747.6	765.0	782.5	800.1	807.3
-57.5°	462.3	507.5	551.8	593.6	634.6	674.5	710.1	742.0	772.6	801.0	818.8
-60°	403.0	441.6	486.4	532.7	575.5	614.9	654.1	691.1	725.3	754.4	772.7
-62.5°	345.4	382.1	419.0	460.7	507.1	551.8	587.2	623.1	659.3	691.0	714.0
-65°	282.8	313.6	343.1	374.5	407.7	443.6	480.9	517.8	553.6	583.8	606.4
-67.5°	197.4	227.0	254.2	281.2	306.1	331.3	358.1	385.4	412.6	436.4	456.7
-70°	120.4	138.3	154.1	171.3	191.9	213.0	234.2	253.7	271.4	286.1	297.9
-72.5°	65.2	72.0	79.7	92.4	104.1	116.7	129.7	141.7	152.6	162.7	171.9
-75°	37.1	40.3	45.7	50.6	55.0	60.4	66.2	71.8	77.1	82.3	87.1
-77.5°	29.0	30.6	32.1	33.5	34.8	36.7	39.0	41.2	43.5	47.3	51.4
-80°	21.6	22.6	23.6	24.6	25.6	26.9	28.2	29.4	30.5	32.3	33.9
-82.5°	15.7	16.2	16.6	17.0	17.4	18.3	19.2	20.1	21.0	22.8	24.6
-85°	11.4	11.6	11.8	11.9	12.1	12.5	13.0	13.4	13.8	15.5	17.2
-87.5°	8.8	8.8	8.9	9.0	9.0	9.3	9.7	10.0	10.3	12.0	13.6
-90°	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7



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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°	26.0	30.8	35.2	39.7	35.2	30.8	26.0	21.1	16.3	11.5	10.9
87.5°	1.3	1.3	0.6	0.0	0.6	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
80°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.4	2.4
77.5°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.9
75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.7	3.0
72.5°	4.9	5.0	5.1	5.1	5.1	5.0	4.9	4.8	4.7	4.6	5.0
70°	7.2	7.6	8.3	9.0	8.3	7.6	7.2	6.7	6.3	6.4	7.4
67.5°	8.9	9.0	7.8	6.4	7.8	9.0	8.9	8.7	8.5	8.7	9.5
65°	7.8	7.8	7.1	6.4	7.1	7.8	7.8	7.9	8.0	8.7	9.9
62.5°	6.1	6.4	6.4	6.4	6.4	6.4	6.1	6.0	5.9	6.7	8.0
60°	5.2	5.2	5.1	5.1	5.1	5.2	5.2	5.2	5.1	5.5	6.1
57.5°	5.8	6.2	6.4	6.4	6.4	6.2	5.8	5.4	5.1	5.6	6.1
55°	6.3	6.4	6.9	7.7	6.9	6.4	6.3	6.2	5.9	6.3	6.8
52.5°	8.6	8.8	9.0	9.0	9.0	8.8	8.6	8.3	8.0	7.7	7.6
50°	11.1	11.3	11.5	11.5	11.5	11.3	11.1	10.8	10.4	9.9	9.3
47.5°	18.4	18.8	19.5	20.5	19.5	18.8	18.4	17.5	16.2	14.3	12.0
45°	29.2	30.0	31.3	33.3	31.3	30.0	29.2	27.9	28.0	26.1	21.3
42.5°	46.3	47.6	49.0	51.3	49.0	47.6	46.3	44.0	43.3	45.1	46.4
40°	63.8	64.6	65.4	67.9	65.4	64.6	63.8	62.4	61.7	54.8	56.1
37.5°	107.9	103.3	98.5	108.9	98.5	103.3	107.9	104.7	97.8	93.2	91.2
35°	147.1	149.8	154.1	161.5	154.1	149.8	147.1	147.9	143.4	130.6	135.0
32.5°	223.1	235.3	240.8	248.6	240.8	235.3	223.1	220.5	206.2	208.3	222.4
30°	444.0	443.2	407.5	413.9	407.5	443.2	444.0	417.6	361.2	361.4	378.2
27.5°	735.0	743.9	740.0	758.6	740.0	743.9	735.0	720.2	673.7	614.9	554.0
25°	1144.2	1182.4	1175.0	1212.2	1175.0	1182.4	1144.2	1073.5	993.1	922.3	851.7
22.5°	2278.5	2454.8	2452.1	2687.0	2452.1	2454.8	2278.5	1818.2	1443.5	1299.8	1204.8
20°	6085.6	7289.5	6793.4	6884.8	6793.4	7289.5	6085.6	4040.3	2869.3	1899.3	1603.5
17.5°	14033.7	18113.0	19884.6	22098.4	19884.6	18113.0	14033.7	9685.6	6804.3	3864.2	2438.1
15°	32036.2	42904.7	48341.3	42792.4	48341.3	42904.7	32036.2	20756.0	15024.3	9511.3	4666.7
12.5°	67074.3	86157.3	99348.2	89225.1	99348.2	86157.3	67074.3	47056.2	27804.2	17920.6	10176.3
10°	115876.7	151027.3	180077.4	170503.2	180077.4	151027.3	115876.7	78572.6	50546.5	27619.4	16104.1
7.5°	178141.2	234925.6	270367.3	270104.7	270367.3	234925.6	178141.2	123352.7	76305.0	44476.0	24241.0
5°	256290.9	328942.6	374070.8	379512.5	374070.8	328942.6	256290.9	174045.3	105721.7	61685.3	31550.4
2.5°	314155.2	392924.1	454543.9	476769.2	454543.9	392924.1	314155.2	219937.5	128397.7	71901.0	33739.6
0°	337780.5	418986.2	484854.6	521581.0	484854.6	418986.2	337780.5	238875.4	141516.8	79122.8	36895.5
-2.5°	319217.1	394219.0	448546.3	471300.4	448546.3	394219.0	319217.1	218754.7	131673.5	75200.3	33987.6
-5°	278719.5	349354.2	391262.8	406145.6	391262.8	349354.2	278719.5	191331.2	115871.3	66440.2	31084.2
-7.5°	218113.6	277241.4	313419.1	326485.9	313419.1	277241.4	218113.6	149187.8	94505.4	53749.8	25876.6
-10°	151044.3	194995.3	226404.5	236147.3	226404.5	194995.3	151044.3	108317.2	71251.9	40686.1	18807.7
-12.5°	97326.0	123402.4	140803.8	147142.0	140803.8	123402.4	97326.0	72117.3	45078.1	28585.6	14051.9
-15°	59208.7	73728.1	82155.6	84995.3	82155.6	73728.1	59208.7	43265.5	29926.8	17943.7	7693.9
-17.5°	32623.7	39631.1	42207.3	44019.9	42207.3	39631.1	32623.7	23811.8	15988.7	8291.8	4739.1
-20°	14615.4	17657.6	19150.4	19916.2	19150.4	17657.6	14615.4	9314.5	6545.5	4025.9	3332.8



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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°	5635.3	6523.7	6923.8	7252.5	6923.8	6523.7	5635.3	4295.0	3378.7	3051.8	2836.6
-25°	3179.2	3302.5	3358.7	3395.6	3358.7	3302.5	3179.2	3004.6	2803.7	2658.7	2536.3
-27.5°	2645.7	2716.9	2765.7	2757.5	2765.7	2716.9	2645.7	2581.4	2491.2	2445.5	2386.6
-30°	2390.8	2412.7	2431.1	2416.6	2431.1	2412.7	2390.8	2389.0	2366.2	2398.5	2426.3
-32.5°	2383.7	2361.2	2348.4	2344.9	2348.4	2361.2	2383.7	2425.2	2484.0	2510.4	2497.9
-35°	2499.6	2489.4	2482.9	2487.1	2482.9	2489.4	2499.6	2515.7	2529.8	2530.5	2515.4
-37.5°	2611.9	2596.9	2574.2	2556.3	2574.2	2596.9	2611.9	2609.5	2590.5	2538.6	2506.0
-40°	2890.1	2944.0	3012.2	3049.6	3012.2	2944.0	2890.1	2878.2	2816.6	2707.6	2521.2
-42.5°	3118.2	3157.5	3175.2	3173.9	3175.2	3157.5	3118.2	3057.3	2852.3	2646.6	2381.9
-45°	2811.4	2968.7	3053.6	3070.1	3053.6	2968.7	2811.4	2596.5	2313.0	2017.7	1724.6
-47.5°	1918.7	2174.1	2323.9	2343.6	2323.9	2174.1	1918.7	1641.9	1385.0	1145.5	903.6
-50°	881.2	915.4	927.9	918.7	927.9	915.4	881.2	848.0	823.7	805.4	776.2
-52.5°	818.7	831.9	838.7	840.6	838.7	831.9	818.7	805.8	792.2	772.6	750.0
-55°	814.1	821.3	826.1	830.3	826.1	821.3	814.1	807.3	800.1	782.5	765.0
-57.5°	835.4	850.8	858.1	861.1	858.1	850.8	835.4	818.8	801.0	772.6	742.0
-60°	789.3	804.3	809.8	811.1	809.8	804.3	789.3	772.7	754.4	725.3	691.1
-62.5°	735.6	755.5	762.9	765.0	762.9	755.5	735.6	714.0	691.0	659.3	623.1
-65°	626.2	643.0	644.2	639.4	644.2	643.0	626.2	606.4	583.8	553.6	517.8
-67.5°	474.9	490.7	491.5	486.9	491.5	490.7	474.9	456.7	436.4	412.6	385.4
-70°	307.4	314.7	316.2	315.2	316.2	314.7	307.4	297.9	286.1	271.4	253.7
-72.5°	179.9	186.7	185.4	182.0	185.4	186.7	179.9	171.9	162.7	152.6	141.7
-75°	91.3	95.1	96.5	97.4	96.5	95.1	91.3	87.1	82.3	77.1	71.8
-77.5°	55.5	59.6	60.7	61.5	60.7	59.6	55.5	51.4	47.3	43.5	41.2
-80°	35.5	37.0	37.2	37.2	37.2	37.0	35.5	33.9	32.3	30.5	29.4
-82.5°	26.4	28.1	28.8	29.5	28.8	28.1	26.4	24.6	22.8	21.0	20.1
-85°	18.8	20.5	21.1	21.8	21.1	20.5	18.8	17.2	15.5	13.8	13.4
-87.5°	15.2	16.8	17.3	17.9	17.3	16.8	15.2	13.6	12.0	10.3	10.0
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.2	9.6	9.0	8.7	8.4	8.0	7.7	7.7	7.7	7.7	7.7
87.5°	2.0	2.3	2.6	2.9	3.2	3.5	3.8	3.8	3.8	3.8	3.8
85°	2.0	2.3	2.6	2.9	3.2	3.5	3.8	3.8	3.8	3.8	3.8
82.5°	2.0	2.3	2.6	2.9	3.2	3.5	3.8	3.9	4.0	4.0	4.0
80°	2.5	2.5	2.6	2.9	3.2	3.5	3.9	4.2	4.5	4.8	4.9
77.5°	3.1	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.5	4.9	5.1
75°	3.3	3.6	4.0	4.5	4.8	5.0	5.0	4.9	4.9	5.0	5.2
72.5°	5.2	5.3	5.7	6.3	6.5	6.9	7.0	6.7	6.2	5.6	5.3
70°	8.1	8.7	9.8	11.6	12.8	13.4	13.1	11.9	9.6	8.3	7.2
67.5°	10.5	11.5	13.4	15.8	17.5	19.0	20.7	21.5	20.5	18.1	12.5
65°	11.1	12.4	13.9	15.5	17.7	20.6	26.1	29.0	29.8	28.5	21.7
62.5°	9.5	11.1	12.1	13.3	15.0	18.6	26.1	31.9	36.5	36.3	28.3
60°	6.9	7.7	8.6	9.8	11.3	15.3	22.4	30.6	40.0	37.4	31.4
57.5°	6.3	6.7	7.2	7.5	7.7	11.1	17.1	24.9	33.7	33.3	30.4
55°	7.4	7.9	8.0	7.9	7.8	9.2	11.9	17.2	24.0	25.4	24.4
52.5°	7.7	8.4	9.1	9.9	9.7	9.3	9.5	12.6	15.5	18.0	18.7
50°	8.9	9.3	9.7	10.1	10.7	10.5	10.1	10.3	12.2	13.9	14.6
47.5°	11.7	12.2	11.5	11.4	12.6	12.3	11.7	11.6	13.0	12.7	13.4
45°	20.4	19.3	17.6	17.8	17.5	17.3	15.4	16.2	16.7	16.3	14.0
42.5°	41.4	33.9	28.7	30.1	28.3	26.5	23.7	23.2	22.7	21.6	20.4
40°	64.7	62.6	56.7	52.3	48.3	40.9	35.7	31.9	30.4	28.5	28.4
37.5°	92.5	95.6	98.2	96.1	84.1	68.4	54.2	43.6	39.0	40.6	38.5
35°	129.8	135.2	149.2	144.5	137.0	122.5	89.3	64.1	56.1	60.2	53.1
32.5°	185.2	216.6	230.8	219.2	213.5	201.0	158.2	104.3	100.5	93.6	78.2
30°	373.3	355.3	357.5	365.7	362.0	310.6	250.7	259.9	208.2	140.8	112.5
27.5°	580.1	531.1	523.2	626.1	584.9	494.0	480.4	526.0	380.9	252.7	165.9
25°	857.5	828.7	797.7	906.7	931.0	772.0	760.7	801.9	696.7	409.3	233.7
22.5°	1152.6	1126.2	1112.8	1161.4	1195.1	1064.6	1018.4	1071.3	1042.9	601.2	358.7
20°	1459.5	1375.3	1349.1	1346.3	1317.4	1254.0	1224.0	1261.6	1136.4	814.7	488.3
17.5°	1847.9	1652.3	1555.9	1501.9	1452.0	1375.7	1422.1	1405.0	1257.5	980.9	611.6
15°	2508.6	2051.8	1854.7	1704.8	1636.4	1681.3	1710.0	1612.7	1400.4	1096.2	778.2
12.5°	4707.5	2560.2	2209.0	1981.4	1923.7	1985.7	2023.5	1873.0	1592.7	1347.9	1053.6
10°	7499.0	3695.4	2637.2	2340.2	2217.9	2256.5	2273.4	2101.8	1856.2	1640.2	1350.1
7.5°	12258.9	5396.9	3056.4	2651.8	2451.5	2418.6	2426.4	2266.8	2081.8	1905.9	1657.2
5°	15977.0	6487.7	3356.1	2877.4	2634.5	2581.5	2593.5	2392.4	2277.4	2149.8	1962.5
2.5°	16811.6	6729.7	3590.8	3076.7	2799.8	2745.3	2772.8	2534.8	2443.1	2321.7	2161.2
0°	18541.3	7522.9	3765.9	3203.4	2926.6	2897.2	2953.5	2706.2	2596.0	2474.3	2329.5
-2.5°	16097.8	6477.2	3696.5	3157.8	2902.0	2872.7	2968.3	2815.1	2650.6	2488.3	2272.2
-5°	13657.3	5909.3	3597.4	3084.6	2860.3	2868.6	2993.2	2907.7	2706.8	2504.9	2173.2
-7.5°	11142.3	5137.0	3440.4	2987.3	2821.5	2892.3	3039.6	2985.0	2787.8	2604.9	2208.3
-10°	7372.4	4189.6	3242.1	2914.4	2841.6	2957.5	3115.8	3049.2	2872.2	2701.2	2192.0
-12.5°	5794.8	3555.3	3041.9	2861.9	2962.6	3136.6	3209.8	3080.8	2964.6	2797.4	2118.6
-15°	4052.8	3284.4	2966.8	2955.0	3155.3	3281.0	3253.4	3036.5	2922.0	2814.8	1984.7
-17.5°	3404.2	3044.8	2856.6	2949.7	3179.6	3324.9	3194.1	2964.1	2782.1	2524.6	1646.7
-20°	2986.6	2808.7	2798.5	2896.2	3034.2	3063.9	3021.1	2820.6	2580.7	2061.4	1321.6



REPORT NUMBER: P1305714 (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°	2702.3	2663.6	2712.9	2822.5	2720.4	2728.1	2700.6	2567.0	2321.6	1578.0	1020.1
-25°	2526.6	2557.7	2676.8	2649.8	2479.0	2415.8	2427.5	2285.8	1832.6	1180.7	776.4
-27.5°	2452.4	2553.1	2633.2	2557.9	2384.5	2245.7	2166.8	1973.4	1361.2	926.7	707.4
-30°	2458.6	2556.6	2569.3	2456.0	2298.1	2152.6	1948.8	1487.7	1043.6	728.7	653.7
-32.5°	2511.5	2512.3	2456.7	2319.3	2190.3	2040.2	1601.7	1090.7	772.0	675.9	621.9
-35°	2499.5	2398.9	2267.8	2179.0	2107.3	1717.4	1244.8	837.5	681.1	632.6	595.9
-37.5°	2405.8	2218.4	2122.3	2018.0	1727.5	1332.3	893.0	708.0	642.5	605.4	576.6
-40°	2340.0	2145.3	1854.2	1614.6	1259.1	864.1	732.3	666.4	621.4	583.1	560.3
-42.5°	2036.8	1731.5	1411.9	1070.2	796.8	738.9	684.1	639.1	603.1	572.9	523.5
-45°	1412.3	1101.3	830.6	776.8	723.1	684.6	649.4	621.3	594.9	542.1	481.0
-47.5°	834.1	789.2	741.9	706.0	675.3	648.6	635.6	613.8	558.3	501.1	440.2
-50°	746.8	725.3	697.5	668.6	657.4	645.8	613.5	567.1	514.2	458.4	399.6
-52.5°	725.9	711.7	695.5	676.8	644.2	608.6	567.0	520.5	470.2	415.2	358.9
-55°	747.6	716.4	680.5	642.9	602.8	561.8	518.9	472.5	423.1	370.2	319.3
-57.5°	710.1	674.5	634.6	593.6	551.8	507.5	462.3	417.5	373.8	325.7	279.4
-60°	654.1	614.9	575.5	532.7	486.4	441.6	403.0	363.2	322.3	284.0	245.0
-62.5°	587.2	551.8	507.1	460.7	419.0	382.1	345.4	309.7	277.4	244.2	199.1
-65°	480.9	443.6	407.7	374.5	343.1	313.6	282.8	249.6	215.1	181.4	143.4
-67.5°	358.1	331.3	306.1	281.2	254.2	227.0	197.4	168.5	144.1	120.7	93.1
-70°	234.2	213.0	191.9	171.3	154.1	138.3	120.4	101.2	81.5	68.4	57.0
-72.5°	129.7	116.7	104.1	92.4	79.7	72.0	65.2	57.5	49.4	40.9	34.3
-75°	66.2	60.4	55.0	50.6	45.7	40.3	37.1	35.0	32.9	30.8	28.4
-77.5°	39.0	36.7	34.8	33.5	32.1	30.6	29.0	27.4	25.8	24.2	22.4
-80°	28.2	26.9	25.6	24.6	23.6	22.6	21.6	20.3	19.0	17.9	16.9
-82.5°	19.2	18.3	17.4	17.0	16.6	16.2	15.7	15.1	14.5	13.9	13.4
-85°	13.0	12.5	12.1	11.9	11.8	11.6	11.4	11.2	11.0	10.8	10.6
-87.5°	9.7	9.3	9.0	9.0	8.9	8.8	8.8	8.7	8.7	8.7	8.6
-90°	2.0	2.3	2.6	2.9	3.2	3.5	3.8	3.8	3.8	3.8	3.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	7.1	6.7
87.5°	4.1	4.5	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.8	6.1
85°	4.1	4.5	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.8	6.1
82.5°	4.2	4.5	4.8	5.1	5.3	5.4	5.5	5.5	5.6	5.8	6.1
80°	4.8	4.8	4.9	5.2	5.5	5.8	6.0	6.0	6.0	6.0	6.2
77.5°	5.3	5.2	5.1	5.2	5.5	5.8	6.1	6.4	6.3	6.2	6.3
75°	5.6	5.7	5.8	5.7	5.7	5.9	6.2	6.4	6.4	6.4	6.3
72.5°	5.6	5.9	6.2	6.4	6.2	6.1	6.3	6.4	6.4	6.4	6.4
70°	6.4	6.1	6.3	6.4	6.4	6.4	6.3	6.5	6.4	6.4	6.4
67.5°	7.8	6.8	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.4	6.4
65°	15.2	9.9	6.4	6.4	6.4	6.4	6.4	6.7	6.8	6.7	6.4
62.5°	21.3	15.1	10.3	7.3	6.4	6.4	6.4	6.7	7.0	7.0	6.6
60°	25.8	18.8	14.1	10.6	7.7	6.4	6.5	6.8	7.1	7.3	7.0
57.5°	24.9	20.8	17.2	13.5	10.1	7.4	6.6	6.9	7.1	7.4	7.3
55°	21.9	18.8	19.0	16.1	12.2	9.1	7.1	6.9	7.2	7.5	7.7
52.5°	17.1	17.7	19.1	17.9	14.4	10.7	8.4	7.0	7.3	7.6	7.7
50°	13.8	16.3	19.1	19.3	16.4	12.5	9.6	7.9	7.4	7.6	7.7
47.5°	14.1	16.4	18.3	20.7	18.7	14.2	10.9	8.7	7.4	7.7	7.7
45°	16.3	18.1	18.8	20.3	20.8	15.8	12.1	9.3	8.0	7.7	7.7
42.5°	19.4	20.9	21.3	20.3	20.7	17.2	13.1	10.1	8.4	7.8	7.7
40°	26.5	24.4	24.6	24.1	21.0	18.3	14.0	10.9	8.8	8.0	7.9
37.5°	34.8	30.7	28.4	30.7	23.6	19.3	14.6	11.4	9.3	8.4	8.0
35°	45.8	39.2	37.4	39.5	32.0	20.9	15.0	11.8	10.2	8.8	8.1
32.5°	58.1	56.9	56.6	49.4	42.7	23.3	16.2	13.2	11.3	9.1	8.3
30°	87.6	88.3	83.6	60.9	54.6	33.1	19.0	14.9	12.5	9.5	8.5
27.5°	137.2	125.3	116.9	84.7	65.6	45.0	23.0	16.9	13.9	10.0	8.8
25°	190.4	169.9	152.8	116.8	77.6	60.6	26.9	19.1	15.4	11.1	9.1
22.5°	253.1	215.9	192.5	153.5	97.1	77.9	35.1	22.4	17.1	12.2	9.3
20°	315.7	261.4	235.7	188.2	125.5	94.1	48.5	25.6	19.0	13.3	9.6
17.5°	385.9	319.1	282.5	223.3	156.6	112.0	62.6	28.7	20.9	14.4	9.8
15°	524.6	391.4	333.7	262.0	185.3	131.3	77.1	31.7	22.8	15.6	10.1
12.5°	692.3	463.6	388.6	303.2	211.7	151.5	91.6	34.4	24.7	16.8	10.6
10°	876.9	535.1	445.8	345.9	235.7	172.0	105.8	38.5	27.1	18.0	11.0
7.5°	1069.7	605.0	503.9	388.5	262.4	203.6	140.3	45.7	29.4	19.1	11.5
5°	1257.4	671.8	567.3	452.0	313.9	245.8	179.1	53.3	31.7	20.1	12.0
2.5°	1415.7	733.3	630.4	515.2	364.2	286.5	217.6	60.7	33.9	21.0	12.4
0°	1551.7	790.6	689.4	574.1	412.6	325.5	253.7	67.9	35.9	21.8	12.8
-2.5°	1445.8	794.2	696.1	596.5	448.9	357.0	273.9	86.0	46.6	27.5	15.4
-5°	1321.8	794.5	700.9	615.4	482.5	386.0	289.7	103.1	56.8	33.0	17.9
-7.5°	1315.1	797.6	706.6	630.9	513.2	411.9	301.0	118.6	66.2	38.0	20.2
-10°	1298.7	801.1	713.4	634.0	519.4	421.6	306.0	132.3	74.6	42.4	22.2
-12.5°	1232.2	800.8	719.1	633.0	517.7	417.0	296.4	142.9	82.0	46.1	23.9
-15°	1108.9	796.7	723.9	627.6	511.5	410.2	285.4	151.3	89.8	50.2	25.1
-17.5°	913.8	788.7	728.2	617.8	500.6	401.4	273.5	157.6	96.3	54.9	27.0
-20°	826.0	762.3	728.7	603.5	484.5	390.7	261.6	161.7	101.3	58.4	29.2



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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°	769.1	722.5	680.4	584.0	466.4	378.2	250.1	163.6	104.8	60.7	30.5
-25°	707.7	680.9	631.0	543.4	449.6	359.2	244.9	163.1	106.6	61.6	31.0
-27.5°	656.7	635.8	588.4	504.2	424.6	342.7	243.0	164.5	107.1	61.1	30.5
-30°	609.1	592.0	546.1	468.7	398.2	317.5	238.1	163.9	106.4	60.1	29.1
-32.5°	581.3	558.5	505.6	438.2	369.1	291.5	223.8	160.9	103.6	58.5	28.4
-35°	566.6	526.4	468.6	406.8	338.7	269.3	206.0	155.6	98.8	55.3	27.5
-37.5°	549.9	492.9	433.6	374.0	308.1	246.1	190.2	141.9	91.8	50.7	26.0
-40°	512.0	456.7	398.9	340.5	280.5	221.9	172.9	127.1	84.6	44.6	23.7
-42.5°	472.1	417.4	362.8	307.1	253.2	201.3	154.4	111.2	73.5	40.0	20.8
-45°	428.2	377.0	325.8	276.1	225.7	179.2	135.6	94.7	61.3	35.8	18.5
-47.5°	383.3	336.6	290.4	244.5	199.8	156.1	115.8	80.2	48.5	30.6	17.9
-50°	340.1	297.6	256.2	215.2	173.3	133.0	95.9	65.0	41.1	24.1	17.1
-52.5°	304.7	261.1	224.2	186.7	146.9	108.8	78.1	49.8	33.3	21.0	16.1
-55°	269.8	227.6	194.1	156.6	119.3	87.5	59.6	40.6	25.1	19.4	15.0
-57.5°	238.2	197.4	160.3	124.5	93.7	66.4	45.9	31.1	21.8	17.7	14.2
-60°	204.2	160.1	123.3	95.1	69.2	49.0	34.8	23.7	19.8	16.1	13.4
-62.5°	157.1	119.8	91.2	67.0	49.6	36.3	25.0	21.4	17.8	15.1	12.5
-65°	111.9	83.7	60.2	47.4	35.1	25.9	22.5	19.1	16.5	14.0	11.7
-67.5°	68.0	54.8	42.2	30.9	26.1	23.0	19.9	17.5	15.2	12.9	11.0
-70°	45.4	34.3	28.7	25.8	23.0	20.3	18.1	16.1	14.0	12.1	10.4
-72.5°	30.9	27.9	25.0	22.4	20.1	18.1	16.4	14.7	12.8	11.1	9.6
-75°	25.8	23.4	21.1	19.1	17.3	15.8	14.6	13.3	11.6	10.2	9.2
-77.5°	20.5	18.7	17.1	15.9	14.7	13.7	12.7	11.7	10.5	9.6	8.7
-80°	16.0	15.0	14.0	13.0	12.2	11.5	11.1	10.6	9.8	9.0	8.3
-82.5°	12.6	11.8	11.1	10.4	10.2	9.9	9.8	9.6	9.0	8.4	7.9
-85°	10.0	9.4	8.8	8.3	8.3	8.4	8.6	8.8	8.4	7.9	7.5
-87.5°	8.4	8.1	7.9	7.7	7.9	8.0	8.2	8.2	7.9	7.5	7.1
-90°	4.1	4.5	4.8	5.1	5.1	5.1	5.1	5.1	5.4	5.8	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.5	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	6.6	6.5	6.4	6.4	6.4	6.4	6.4
60°	6.6	6.7	6.4	6.4	6.4	6.4	6.4
57.5°	6.9	6.8	6.5	6.4	6.4	6.4	6.4
55°	7.1	6.9	6.7	6.4	6.4	6.4	6.4
52.5°	7.4	7.1	6.8	6.4	6.4	6.4	6.4
50°	7.6	7.2	6.9	6.4	6.4	6.4	6.4
47.5°	7.7	7.3	7.1	6.4	6.4	6.4	6.4
45°	7.7	7.5	7.2	6.5	6.4	6.4	6.4
42.5°	7.7	7.6	7.4	6.7	6.4	6.4	6.4
40°	7.7	7.6	7.5	6.8	6.4	6.4	6.4
37.5°	7.7	7.7	7.6	6.9	6.4	6.4	6.4
35°	7.7	7.7	7.6	7.0	6.4	6.4	6.4
32.5°	7.7	7.7	7.7	7.1	6.4	6.4	6.4
30°	7.9	7.7	7.7	7.2	6.4	6.4	6.4
27.5°	8.0	7.7	7.7	7.3	6.4	6.4	6.4
25°	8.2	7.7	7.7	7.3	6.4	6.4	6.4
22.5°	8.3	7.7	7.7	7.4	6.4	6.4	6.4
20°	8.5	7.8	7.7	7.5	6.4	6.4	6.4
17.5°	8.7	7.9	7.7	7.5	6.4	6.4	6.4
15°	9.0	8.1	7.7	7.6	6.4	6.4	6.4
12.5°	9.2	8.2	7.7	7.6	6.4	6.4	6.4
10°	9.5	8.4	7.7	7.6	6.4	6.4	6.4
7.5°	9.7	8.5	7.7	7.7	6.4	6.4	6.4
5°	9.9	8.7	7.7	7.7	6.4	6.4	6.4
2.5°	10.1	8.9	7.7	7.7	6.4	6.4	6.4
0°	10.3	9.0	7.7	7.7	6.4	6.4	6.4
-2.5°	11.0	9.1	7.8	7.7	6.5	6.4	6.4
-5°	11.6	9.3	7.9	7.7	6.5	6.4	6.4
-7.5°	12.2	9.4	8.0	7.7	6.6	6.4	6.4
-10°	12.7	9.5	8.1	7.7	6.6	6.4	6.4
-12.5°	13.1	9.6	8.2	7.6	6.7	6.4	6.4
-15°	13.4	9.6	8.3	7.6	6.7	6.4	6.4
-17.5°	13.6	9.7	8.3	7.6	6.8	6.4	6.4
-20°	14.1	9.7	8.4	7.6	6.8	6.4	6.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.9	9.8	8.4	7.6	6.8	6.4	6.4
-25°	15.4	10.0	8.4	7.6	6.8	6.4	6.4
-27.5°	15.5	10.3	8.4	7.6	6.9	6.4	6.4
-30°	15.2	10.5	8.3	7.6	6.9	6.4	6.4
-32.5°	14.5	10.6	8.4	7.6	6.9	6.4	6.4
-35°	14.3	10.6	8.4	7.6	6.9	6.4	6.4
-37.5°	14.3	10.6	8.4	7.6	6.9	6.4	6.4
-40°	14.2	10.6	8.4	7.7	6.8	6.4	6.4
-42.5°	14.0	10.5	8.4	7.7	6.8	6.4	6.4
-45°	13.6	10.4	8.4	7.8	6.8	6.4	6.4
-47.5°	13.1	10.2	8.4	7.8	6.7	6.4	6.4
-50°	12.7	10.0	8.4	7.7	6.7	6.4	6.4
-52.5°	12.3	9.7	8.4	7.6	6.6	6.4	6.4
-55°	11.8	9.5	8.3	7.5	6.6	6.4	6.4
-57.5°	11.3	9.4	8.3	7.4	6.5	6.4	6.4
-60°	10.7	9.2	8.2	7.2	6.4	6.4	6.4
-62.5°	10.3	8.9	8.0	7.1	6.4	6.4	6.4
-65°	9.9	8.7	7.8	7.0	6.4	6.4	6.4
-67.5°	9.5	8.4	7.6	6.8	6.4	6.4	6.4
-70°	9.0	8.2	7.4	6.7	6.4	6.4	6.4
-72.5°	8.6	7.9	7.2	6.7	6.4	6.4	6.4
-75°	8.3	7.7	7.0	6.6	6.4	6.4	6.4
-77.5°	8.0	7.4	6.9	6.6	6.4	6.4	6.4
-80°	7.7	7.2	6.8	6.6	6.4	6.4	6.4
-82.5°	7.4	7.0	6.7	6.5	6.4	6.4	6.4
-85°	7.1	6.8	6.6	6.5	6.4	6.4	6.4
-87.5°	6.7	6.6	6.5	6.4	6.4	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)