

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: P1305598 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-2S-CV2-A**

Issue Date: 2/3/2026

Test Information

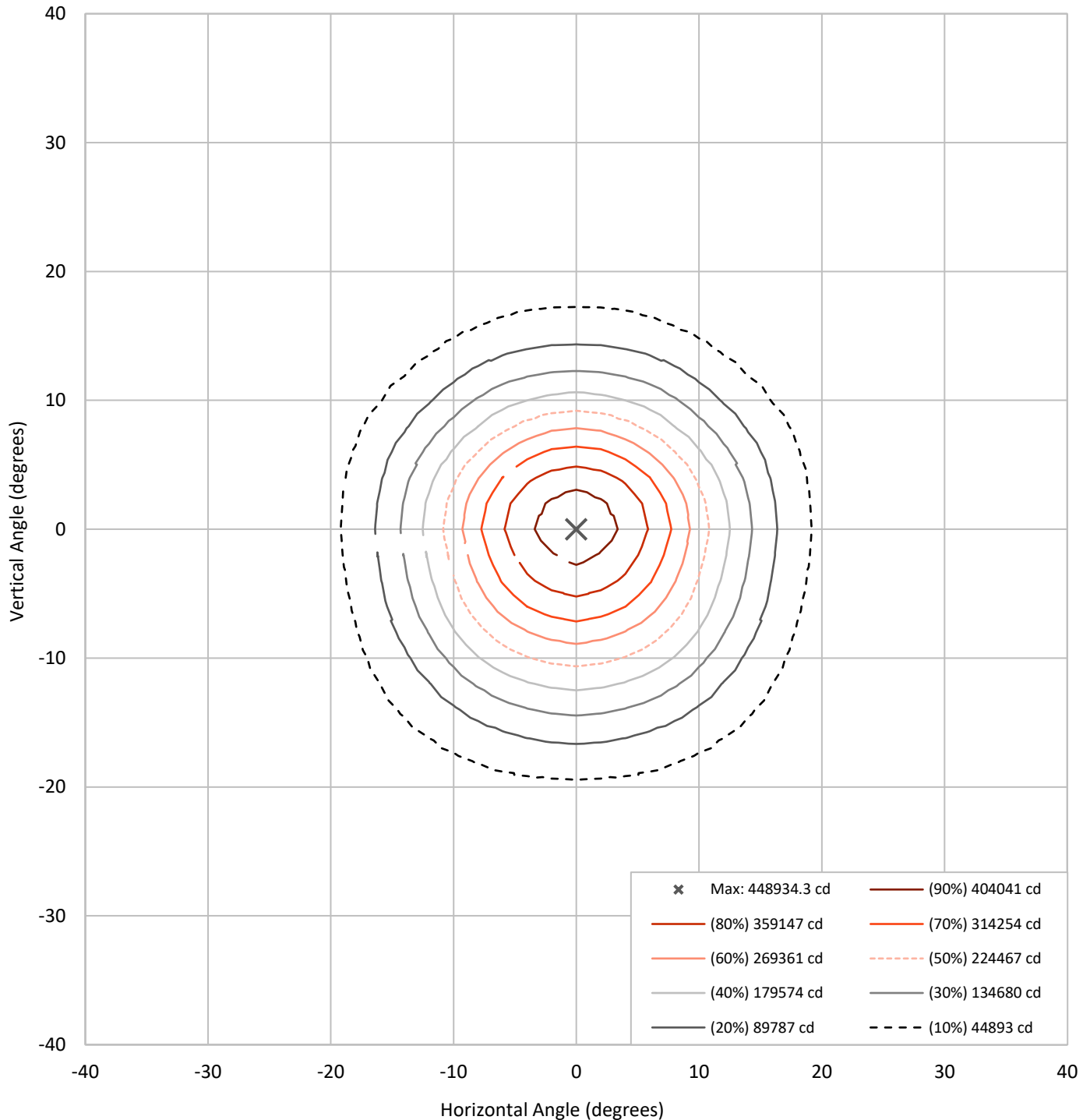
Test Method: LM-79-08
Report Number: P1305598 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-2S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S 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:	69495.9 lumens	Max Intensity:	448934.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	32127.4 lumens	Field Lumens:	59932.6 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	670		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



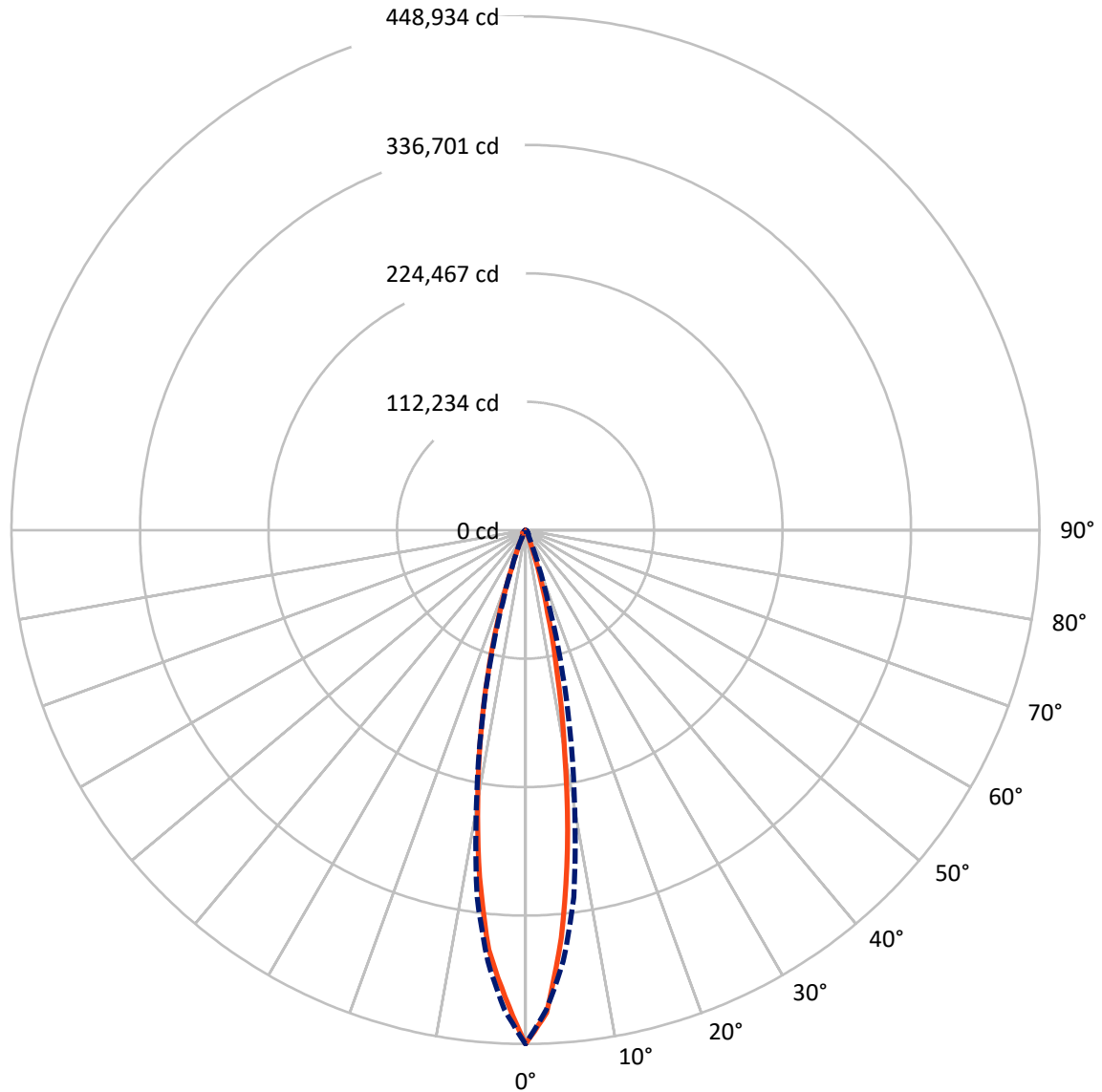
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Lumen Table

90	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2							
80	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2							
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.6	0.2	0.1	0.2		
60		0.1	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.1			
50	0.2	0.2	0.4	0.5	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.5	0.4	0.2	0.2		
40		0.2	0.9	1.9	4.0	6.5	7.9	9.1	9.1	7.9	6.5	4.0	1.9	0.9	0.2			
30	0.2	0.5	2.8	9.7	25.8	37.9	66.3	146.0	146.0	66.3	37.9	25.8	9.7	2.8	0.5	0.2		
20		1.0	6.5	25.1	59.1	115.6	718.2	2241.1	2241.1	718.2	115.6	59.1	25.1	6.5	1.0			
10	0.3	1.8	11.1	46.5	96.5	311.0	2935.3	8743.1	8743.1	2935.3	311.0	96.5	46.5	11.1	1.8	0.3		
0		3.0	14.5	54.5	108.1	312.1	3110.8	9115.3	9115.3	3110.8	312.1	108.1	54.5	14.5	3.0			
-10	0.6	3.4	14.8	50.4	106.8	178.5	1145.3	3305.5	3305.5	1145.3	178.5	106.8	50.4	14.8	3.4	0.6		
-20		3.2	12.5	30.1	75.9	111.7	174.4	341.4	341.4	174.4	111.7	75.9	30.1	12.5	3.2			
-30	0.5	2.7	9.2	18.8	42.0	80.3	104.1	114.4	114.4	104.1	80.3	42.0	18.8	9.2	2.7	0.5		
-40		1.8	6.3	13.9	23.7	39.3	68.2	92.2	92.2	68.2	39.3	23.7	13.9	6.3	1.8			
-50	0.3	0.9	3.8	9.0	16.5	24.7	31.6	35.5	35.5	31.6	24.7	16.5	9.0	3.8	0.9	0.3		
-60		0.4	1.3	4.3	8.7	14.2	20.0	23.5	23.5	20.0	14.2	8.7	4.3	1.3	0.4			
-70	0.2	0.9	3.8	9.0	16.5	24.7	31.6	35.5	35.5	31.6	24.7	16.5	9.0	3.8	0.9	0.2		
-80		0.4	1.3	4.3	8.7	14.2	20.0	23.5	23.5	20.0	14.2	8.7	4.3	1.3	0.4			
-90	0.2	1.1	3.2	8.1	11.7	8.1	3.2	1.1	0.2									

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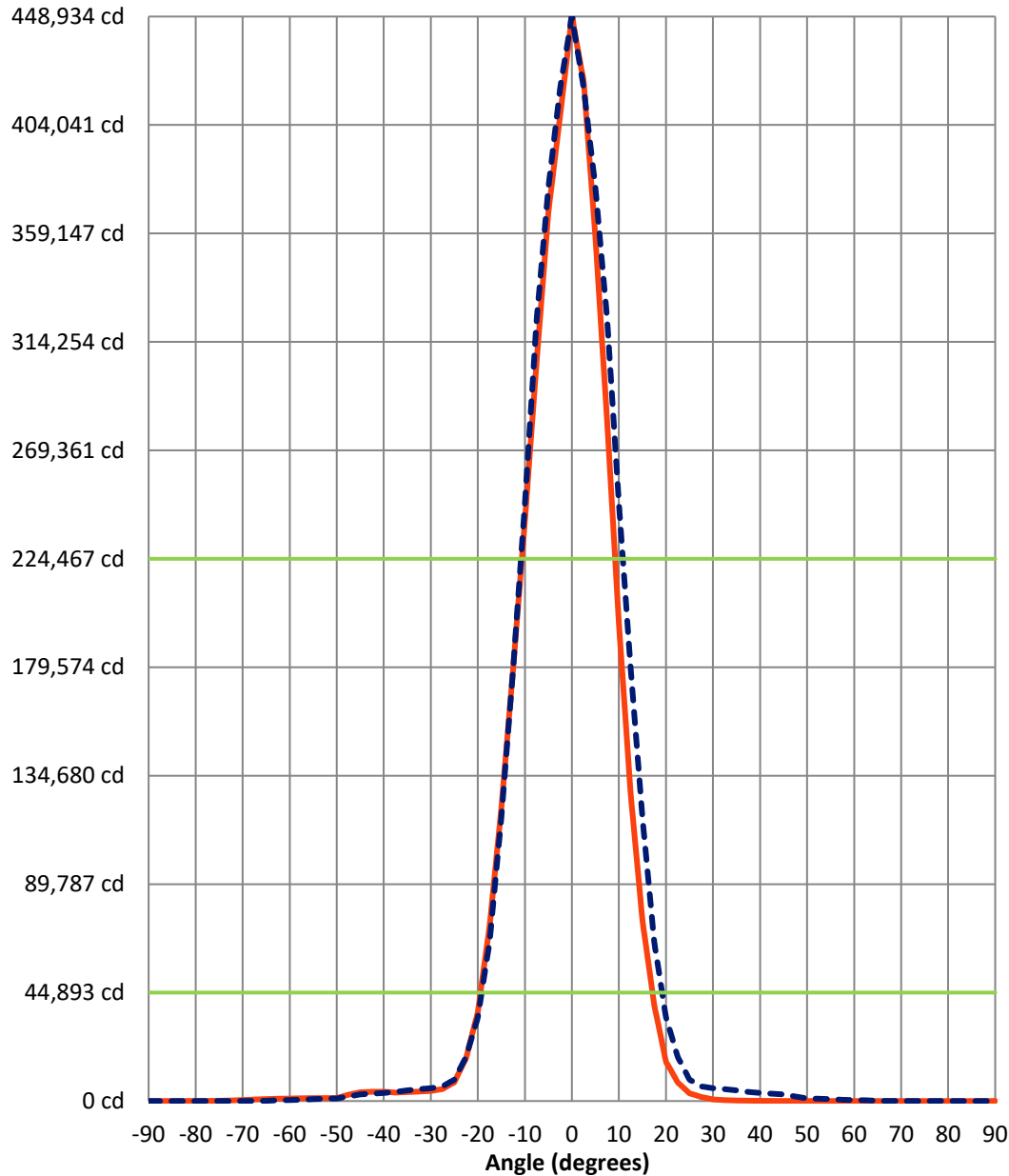
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.7°
V Angle: 19.8°
Lumens: 32127.4
Efficiency: 46.2%

Field:
H Angle: 38.4°
V Angle: 36.6°
Lumens: 59932.6
Efficiency: 86.2%

Spill:
Lumens: 9563.3
Efficiency: 13.8%

— 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°	7.2	7.2	7.2	7.7	8.2	8.6	9.1	9.1	9.1	9.1	9.1
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.9	6.6	6.4	6.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	6.9	6.9	6.9
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.5	7.4
65°	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.6	7.8	7.6
62.5°	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.5	8.1	8.1	7.7
60°	7.2	7.2	7.2	7.2	7.2	7.6	7.6	8.0	8.5	8.2	7.8
57.5°	7.2	7.2	7.2	7.2	7.4	7.8	7.9	8.6	8.7	8.3	7.9
55°	7.2	7.2	7.3	7.2	7.6	8.0	8.3	9.1	8.8	8.4	8.0
52.5°	7.2	7.2	7.3	7.2	7.8	8.2	8.6	9.1	8.9	8.5	8.1
50°	7.2	7.2	7.3	7.2	8.0	8.4	8.9	9.1	9.0	8.6	9.5
47.5°	7.2	7.2	7.4	7.2	8.2	8.6	9.1	9.1	9.1	8.7	10.9
45°	7.2	7.2	7.4	7.4	8.4	8.7	9.1	9.1	9.2	9.6	11.9
42.5°	7.2	7.2	7.5	7.6	8.7	8.9	9.1	9.2	9.3	10.2	13.3
40°	7.2	7.2	7.6	7.8	8.8	9.0	9.1	9.3	9.6	10.6	14.7
37.5°	7.2	7.2	7.6	8.0	8.9	9.1	9.1	9.5	10.4	11.8	15.8
35°	7.2	7.2	7.7	8.2	9.0	9.1	9.1	9.7	11.2	13.6	16.5
32.5°	7.2	7.2	7.8	8.4	9.1	9.1	9.2	9.9	12.1	15.6	18.0
30°	7.2	7.2	7.9	8.5	9.1	9.1	9.3	10.3	13.1	17.6	19.9
27.5°	7.2	7.2	8.0	8.6	9.1	9.1	9.5	11.1	14.3	19.7	22.0
25°	7.2	7.2	8.1	8.8	9.1	9.1	9.8	11.9	16.0	21.6	24.5
22.5°	7.2	7.2	8.2	8.8	9.1	9.1	10.0	12.7	17.7	23.5	29.2
20°	7.2	7.2	8.3	8.9	9.1	9.3	10.2	13.5	19.3	25.5	33.6
17.5°	7.2	7.2	8.4	9.0	9.1	9.4	10.5	14.3	20.9	27.7	37.8
15°	7.2	7.2	8.5	9.0	9.1	9.6	10.9	15.1	22.5	29.9	41.7
12.5°	7.2	7.2	8.6	9.1	9.1	9.8	11.2	15.8	24.1	32.2	45.3
10°	7.2	7.2	8.7	9.1	9.1	10.0	11.6	16.4	25.6	35.7	50.8
7.5°	7.2	7.2	8.8	9.1	9.1	10.3	11.9	16.9	27.1	39.5	61.2
5°	7.2	7.2	8.9	9.1	9.1	10.5	12.2	17.4	28.5	43.4	71.8
2.5°	7.2	7.2	9.0	9.1	9.1	10.7	12.4	17.8	29.7	47.2	82.3
0°	7.2	7.2	9.1	9.1	9.1	10.9	12.7	18.1	30.8	50.7	92.4
-2.5°	7.2	7.2	9.1	9.2	9.3	11.3	14.1	22.3	39.9	66.2	119.3
-5°	7.2	7.3	9.1	9.3	9.4	11.7	15.5	26.4	48.5	81.1	144.7
-7.5°	7.2	7.3	9.1	9.4	9.6	12.0	16.8	30.1	56.6	94.9	167.9
-10°	7.2	7.4	9.1	9.5	9.7	12.3	17.9	33.4	63.7	107.4	188.4
-12.5°	7.2	7.4	9.0	9.6	9.9	12.5	18.9	36.2	69.8	118.3	200.5
-15°	7.2	7.4	9.0	9.7	10.0	12.7	19.7	38.4	75.3	126.7	207.7
-17.5°	7.2	7.5	9.0	9.8	10.2	12.9	20.3	40.9	80.3	133.7	212.6
-20°	7.2	7.5	8.9	9.9	10.3	13.0	20.9	43.2	84.0	139.1	215.1



REPORT NUMBER: P1305598 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.5	8.9	9.9	10.5	13.0	21.6	44.4	86.3	142.7	215.0
-25°	7.2	7.6	8.9	9.9	10.6	13.2	21.9	44.3	87.1	144.4	212.2
-27.5°	7.2	7.6	8.9	9.9	10.8	13.4	21.8	42.9	86.3	144.6	213.2
-30°	7.2	7.6	8.8	9.9	10.9	13.5	21.1	40.1	84.6	143.3	212.1
-32.5°	7.2	7.6	8.8	9.9	11.1	13.5	19.8	38.6	81.4	139.8	208.5
-35°	7.2	7.6	8.8	9.8	11.3	13.3	19.3	37.2	76.1	134.0	202.3
-37.5°	7.2	7.7	8.8	9.7	11.4	13.3	19.1	34.9	68.6	126.0	186.8
-40°	7.2	7.7	8.8	9.6	11.5	13.4	18.8	31.8	59.1	115.8	169.6
-42.5°	7.2	7.7	8.8	9.5	11.4	13.4	18.2	27.8	52.4	99.8	150.9
-45°	7.2	7.7	8.8	9.4	11.3	13.4	17.5	24.8	46.9	82.5	130.9
-47.5°	7.2	7.7	8.8	9.2	11.1	13.3	16.7	23.7	40.2	64.6	110.7
-50°	7.2	7.7	8.8	9.2	10.9	13.1	16.2	22.4	32.0	55.1	89.6
-52.5°	7.2	7.7	8.8	9.2	10.6	12.8	15.8	20.9	27.8	44.7	68.8
-55°	7.2	7.6	8.8	9.2	10.4	12.4	15.2	19.3	25.6	33.7	56.1
-57.5°	7.2	7.6	8.8	9.2	10.1	12.0	14.5	18.3	23.2	29.0	42.4
-60°	7.2	7.6	8.8	9.2	9.8	11.5	13.7	17.1	20.9	26.2	31.7
-62.5°	7.2	7.6	8.8	9.2	9.7	11.1	13.1	15.9	19.5	23.4	28.5
-65°	7.2	7.6	8.7	9.2	9.6	10.5	12.4	14.7	18.0	21.5	25.3
-67.5°	7.2	7.5	8.5	9.2	9.5	10.2	11.6	13.9	16.5	19.7	22.9
-70°	7.2	7.5	8.4	9.1	9.4	10.0	10.9	13.0	15.5	17.9	21.0
-72.5°	7.2	7.5	8.3	9.0	9.3	9.7	10.4	12.1	14.4	16.8	19.1
-75°	7.2	7.4	8.1	8.8	9.1	9.5	10.0	11.5	13.4	15.6	17.7
-77.5°	7.2	7.4	8.0	8.6	9.0	9.2	9.6	10.9	12.6	14.4	16.4
-80°	7.2	7.4	7.8	8.4	8.8	9.0	9.2	10.3	11.8	13.3	15.0
-82.5°	7.2	7.3	7.7	8.2	8.6	8.9	9.1	9.9	10.9	12.2	13.6
-85°	7.2	7.3	7.5	8.0	8.5	8.8	9.1	9.6	10.3	11.1	12.1
-87.5°	7.2	7.2	7.4	7.9	8.3	8.7	9.1	9.4	9.7	10.1	10.6
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4



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 CATALOG NUMBER: EPH-08-640L-40-70-2S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.1	9.1	9.1	9.1	9.6	10.0	10.5	10.9	11.4	11.8	12.2
87.5°	6.0	5.9	5.6	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1
85°	6.7	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1
82.5°	6.8	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1
80°	6.8	6.4	5.9	5.5	5.4	5.4	5.4	5.4	5.0	4.7	4.4
77.5°	6.9	6.4	6.0	5.5	5.5	5.8	6.1	6.3	6.3	6.1	5.9
75°	6.9	6.5	6.2	6.2	6.5	6.9	7.2	7.2	6.9	6.5	6.0
72.5°	7.0	6.8	6.9	7.2	7.2	7.2	7.2	7.2	8.1	9.3	10.2
70°	7.1	7.2	7.2	7.2	7.2	7.6	9.5	12.1	14.6	16.6	19.0
67.5°	7.2	7.2	7.2	7.4	8.7	10.8	13.7	20.8	29.1	31.7	31.6
65°	7.2	7.2	7.7	8.9	10.7	16.3	24.1	33.8	41.1	40.0	37.5
62.5°	7.2	7.5	8.4	11.1	16.2	23.5	31.1	38.1	45.1	44.0	38.3
60°	7.3	7.7	10.7	15.8	21.3	27.2	34.5	39.0	43.6	44.9	35.4
57.5°	7.4	9.3	14.4	19.8	24.8	29.1	31.8	35.8	38.4	38.9	29.1
55°	8.5	12.3	17.6	22.9	26.5	25.4	27.4	29.8	30.9	28.5	20.6
52.5°	10.8	15.0	20.4	24.8	25.3	23.3	22.8	23.9	22.1	18.9	16.3
50°	12.8	17.6	22.8	25.3	24.8	22.2	18.9	18.4	17.8	16.5	15.0
47.5°	14.8	19.9	24.6	26.2	24.4	22.1	18.2	17.8	17.8	18.9	17.9
45°	16.7	21.5	26.2	26.4	25.1	23.3	21.6	19.8	23.3	24.4	24.3
42.5°	18.4	22.4	26.6	27.0	27.6	27.3	26.7	28.7	30.8	32.7	33.3
40°	19.1	23.0	27.9	31.5	31.6	33.0	36.7	40.1	40.3	42.7	44.2
37.5°	19.3	25.3	32.0	39.9	37.5	42.0	48.2	57.7	59.0	53.6	61.2
35°	19.3	28.4	42.7	52.0	50.7	53.8	68.7	82.5	88.8	79.8	92.1
32.5°	21.2	32.5	56.5	66.4	75.6	79.0	93.4	120.8	136.1	141.8	152.1
30°	25.8	45.2	72.3	83.0	108.8	126.0	138.0	170.7	198.8	283.8	346.8
27.5°	31.5	60.8	88.1	112.7	150.7	180.4	206.1	239.8	342.7	497.4	658.2
25°	36.9	81.7	105.4	151.2	202.8	242.8	278.1	325.9	541.4	858.5	993.9
22.5°	48.1	105.7	133.0	194.5	259.6	306.9	358.3	487.4	778.5	1255.0	1310.8
20°	66.3	128.8	170.6	243.0	322.6	371.2	439.4	657.0	1046.9	1411.0	1562.0
17.5°	85.9	154.0	211.9	300.4	396.8	451.9	531.7	820.3	1278.2	1602.3	1804.8
15°	106.3	180.9	251.6	363.2	475.3	551.4	716.1	1044.6	1460.9	1826.5	2121.7
12.5°	127.0	208.8	289.4	429.8	557.5	649.7	939.8	1386.6	1766.9	2109.4	2510.2
10°	147.4	237.2	325.2	498.3	642.0	746.1	1186.0	1734.3	2107.7	2442.6	2853.5
7.5°	188.4	275.3	363.0	566.5	726.9	840.1	1443.4	2079.8	2420.3	2734.6	3137.7
5°	233.1	322.2	421.1	647.9	812.0	926.7	1677.9	2413.8	2708.5	2991.9	3385.7
2.5°	276.6	366.9	477.2	725.9	893.3	1001.9	1798.0	2597.2	2891.7	3189.1	3599.7
0°	317.0	409.4	530.7	797.0	969.1	1072.3	1885.6	2751.4	3044.9	3354.6	3787.5
-2.5°	350.7	452.6	587.1	830.7	990.1	1090.3	1856.8	2749.9	3102.0	3446.1	3894.0
-5°	378.8	493.0	639.3	858.7	1007.1	1105.0	1799.8	2706.5	3149.1	3519.3	3974.3
-7.5°	400.8	530.2	686.1	880.5	1017.4	1112.4	1774.7	2724.6	3233.4	3583.5	4026.8
-10°	412.9	545.0	689.5	879.5	1019.3	1114.1	1719.3	2687.3	3303.3	3640.7	4049.0
-12.5°	396.8	538.8	680.5	870.5	1019.9	1113.4	1612.6	2588.6	3360.5	3695.2	4028.7
-15°	378.9	529.6	665.9	852.6	1020.0	1110.8	1449.6	2424.3	3328.0	3597.8	3944.3
-17.5°	360.3	517.1	645.4	825.5	1020.4	1106.4	1218.0	2071.6	3003.3	3391.5	3808.1
-20°	341.6	501.5	618.8	788.7	1015.0	1076.7	1128.5	1713.5	2530.0	3129.2	3550.3



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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°	323.9	482.7	591.7	753.5	936.3	1025.6	1074.9	1366.9	2042.5	2810.4	3165.0
-25°	314.2	455.0	568.2	699.7	854.2	972.4	1014.7	1075.4	1612.0	2306.5	2813.4
-27.5°	309.3	430.8	536.7	646.1	778.1	908.5	954.4	1007.1	1280.3	1813.3	2444.0
-30°	301.2	399.9	503.4	597.3	715.2	826.7	893.7	954.0	1028.3	1428.7	1927.5
-32.5°	283.1	367.9	467.3	558.8	656.7	755.4	849.7	915.4	976.0	1084.5	1479.1
-35°	261.9	340.8	429.8	519.0	601.6	698.0	795.9	882.0	931.0	981.5	1155.5
-37.5°	244.2	312.1	391.5	477.6	557.2	644.5	739.6	830.5	898.2	944.3	1010.3
-40°	225.2	281.8	356.9	435.3	513.2	592.0	679.5	768.0	852.3	922.9	976.1
-42.5°	204.7	259.2	322.4	392.7	467.2	541.4	617.7	701.8	790.6	882.5	951.5
-45°	182.3	235.4	288.1	353.8	419.8	488.9	559.8	634.2	724.0	812.1	899.4
-47.5°	158.3	209.7	260.6	314.4	375.2	436.8	500.2	575.9	655.0	738.2	820.2
-50°	133.3	181.3	232.2	281.2	333.1	387.6	444.1	518.6	594.0	666.0	739.6
-52.5°	109.3	151.1	199.9	249.4	295.4	343.3	397.5	462.9	533.4	603.1	668.6
-55°	84.4	123.1	165.0	212.8	260.1	302.9	354.0	412.0	471.5	537.7	601.2
-57.5°	65.1	94.7	131.5	172.3	218.1	265.1	313.8	362.7	417.0	473.0	527.8
-60°	48.5	70.1	98.2	133.4	171.4	217.4	270.5	319.1	365.2	410.9	461.0
-62.5°	33.6	50.6	70.5	94.9	128.0	165.6	211.3	261.5	315.1	355.7	395.8
-65°	30.0	34.7	48.4	66.6	85.0	116.3	152.6	192.1	237.6	279.1	322.4
-67.5°	26.3	30.4	34.8	42.0	58.4	75.7	94.2	126.3	160.9	190.6	221.5
-70°	23.8	26.3	29.9	33.9	38.0	45.1	60.2	76.3	92.3	109.7	134.5
-72.5°	21.5	23.8	26.1	28.4	31.8	35.3	38.7	42.0	51.2	63.8	75.3
-75°	19.4	21.3	23.4	25.4	27.3	29.3	31.6	34.6	37.5	40.4	43.6
-77.5°	17.6	18.8	20.4	22.2	23.7	24.9	26.4	28.1	30.0	31.7	33.4
-80°	15.7	16.3	17.2	18.3	19.6	20.7	21.7	22.5	23.6	24.9	26.4
-82.5°	14.1	14.5	14.9	15.3	16.0	16.8	17.7	18.7	19.3	20.0	20.7
-85°	12.4	12.7	13.0	13.2	13.6	14.0	14.4	14.9	15.3	15.6	15.9
-87.5°	10.8	10.9	11.0	11.2	11.5	11.7	12.0	12.2	12.3	12.5	12.6
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.7	12.7	12.7	12.7	12.7	15.4	18.1	20.8	23.5	27.6	31.6
87.5°	3.6	3.5	3.5	3.4	3.4	3.1	2.6	2.2	1.8	1.4	0.9
85°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.8	1.8
82.5°	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	1.8	1.8	1.8
80°	4.2	4.1	4.0	3.9	3.6	3.2	2.8	2.3	1.8	1.8	1.8
77.5°	5.5	5.1	4.6	4.2	3.7	3.5	3.3	3.3	3.3	3.0	2.7
75°	5.6	5.4	5.6	5.3	4.7	4.4	4.2	4.0	3.7	3.5	3.5
72.5°	10.9	11.0	10.3	9.7	8.7	8.2	7.9	7.4	6.6	6.3	6.1
70°	19.9	19.5	18.8	17.2	14.7	12.7	11.5	10.3	9.1	8.7	8.8
67.5°	28.8	25.9	23.5	20.7	17.1	14.5	13.1	11.6	9.9	9.1	9.1
65°	33.5	27.3	23.2	20.1	17.9	15.3	12.9	10.8	8.8	7.9	8.1
62.5°	31.7	23.6	18.7	15.8	13.7	12.3	10.5	9.0	7.8	7.3	7.3
60°	26.3	17.6	13.3	11.9	10.5	9.2	8.6	7.8	6.8	6.0	6.3
57.5°	20.4	14.1	10.8	10.3	9.8	9.3	8.5	7.7	7.0	6.6	6.9
55°	15.2	12.6	11.0	11.1	10.8	10.0	9.0	8.8	8.6	8.4	8.6
52.5°	13.3	13.3	13.8	13.6	12.4	11.4	10.8	10.8	11.0	11.3	11.7
50°	15.2	15.7	15.4	14.2	13.9	13.5	12.7	13.5	14.5	14.9	15.3
47.5°	18.1	18.4	18.6	17.4	17.7	19.0	19.2	19.8	21.8	23.4	24.8
45°	23.2	25.2	25.7	26.5	27.0	29.7	31.1	31.8	37.4	40.1	40.4
42.5°	33.5	36.6	39.1	43.0	42.4	49.2	58.0	62.6	62.3	60.5	60.4
40°	49.0	54.4	66.3	72.7	79.7	87.5	88.3	78.7	78.8	88.5	88.0
37.5°	75.6	94.1	111.0	126.0	129.7	125.2	126.9	134.2	142.9	143.7	148.0
35°	127.4	165.0	173.7	185.2	197.8	185.8	184.3	196.2	192.2	212.5	227.1
32.5°	220.3	273.6	289.8	303.7	338.8	318.5	262.3	344.1	325.8	348.6	383.2
30°	350.4	455.3	525.8	546.9	555.7	558.1	611.0	657.9	694.9	744.5	814.7
27.5°	663.7	733.2	850.4	916.1	833.4	867.6	1003.2	1027.9	1167.7	1319.7	1444.5
25°	1009.3	1087.2	1295.8	1322.0	1252.9	1379.9	1511.2	1538.4	1785.0	1964.1	2392.6
22.5°	1321.6	1452.3	1675.5	1738.9	1796.5	1947.5	2100.0	2281.9	2837.6	3526.5	4776.9
20°	1586.0	1731.9	1950.0	2126.2	2270.0	2462.7	2640.4	3261.4	4458.2	7075.9	9923.2
17.5°	1906.1	1996.5	2266.1	2501.7	2727.1	3003.1	3788.5	5357.0	8821.8	14525.4	19931.2
15°	2337.3	2517.0	2684.3	2939.2	3360.3	4163.1	5896.0	11005.4	18253.9	28202.5	40525.2
12.5°	2834.6	3082.4	3314.4	3530.7	4134.6	6028.1	11557.7	20418.1	32603.0	48584.4	72768.5
10°	3278.6	3657.2	3942.1	4319.4	5489.1	9171.4	17707.5	30233.8	51644.9	79882.6	111442.9
7.5°	3586.9	4036.8	4421.0	4981.9	6889.4	13127.5	24944.5	44451.6	74886.7	112935.2	155509.4
5°	3880.2	4387.5	4764.6	5454.7	7815.2	15875.7	30429.8	56302.6	97635.3	147911.0	202571.8
2.5°	4157.3	4697.2	5068.0	5878.1	8399.8	17128.2	32727.3	63670.0	112350.0	171901.7	236819.9
0°	4414.3	4925.1	5312.7	6077.1	8893.7	18330.9	34681.9	66045.5	117321.2	178965.1	247245.8
-2.5°	4366.3	4746.0	5175.2	5941.4	8423.8	17041.3	32404.1	63255.4	111484.9	170533.2	233339.8
-5°	4349.6	4657.4	5044.9	5739.4	7843.4	14725.0	28779.8	56955.8	101922.1	155136.3	213635.0
-7.5°	4362.4	4606.8	4909.8	5484.2	7142.5	12449.7	25022.7	49373.7	86514.6	131569.6	184396.3
-10°	4389.7	4578.9	4886.0	5391.2	6552.0	9950.8	18937.0	38040.2	68022.5	103858.1	145020.9
-12.5°	4437.1	4691.9	5000.1	5343.4	5958.6	7925.9	14893.4	29529.5	50293.7	75469.8	106791.1
-15°	4420.8	4749.3	5097.5	5309.5	5644.5	6739.5	9660.5	19498.0	34798.9	51496.3	70451.6
-17.5°	4301.8	4695.1	4848.1	5012.6	5216.4	5755.7	7386.1	11759.5	20472.5	31443.5	42108.0
-20°	4025.4	4224.3	4415.7	4612.0	4837.7	5135.3	5642.5	7346.1	9897.5	16123.0	21327.4



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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°	3506.5	3698.0	3863.8	4182.2	4410.1	4628.8	4908.0	5276.7	6258.0	7799.4	10361.3
-25°	3061.4	3179.4	3412.6	3784.5	4029.3	4160.2	4335.4	4475.2	4811.6	5169.6	6054.5
-27.5°	2705.7	2882.5	3169.9	3495.6	3730.3	3835.7	3927.7	4009.9	4221.2	4367.5	4618.8
-30°	2424.2	2710.6	2979.9	3277.9	3493.7	3618.9	3658.2	3776.8	3914.5	4019.0	4120.8
-32.5°	2020.4	2524.3	2769.3	3016.0	3259.8	3414.0	3519.6	3613.1	3742.4	3822.6	3862.6
-35°	1585.6	2101.5	2584.0	2749.5	2926.6	3148.1	3328.4	3423.4	3508.4	3585.8	3634.6
-37.5°	1196.6	1619.2	2068.3	2472.2	2661.8	2827.5	3089.7	3248.4	3325.5	3440.8	3506.4
-40°	1037.8	1157.7	1540.8	1919.0	2259.4	2636.7	2891.7	3136.4	3378.3	3526.5	3622.7
-42.5°	1002.2	1051.2	1096.6	1361.7	1702.0	2043.9	2419.7	2834.7	3181.8	3443.2	3686.1
-45°	973.5	1010.7	1047.3	1088.9	1128.7	1390.2	1684.1	1993.5	2392.8	2779.4	3113.3
-47.5°	899.3	969.7	1011.0	1042.2	1074.8	1111.0	1144.3	1214.5	1483.0	1768.5	2039.7
-50°	814.9	884.9	947.4	1005.4	1047.2	1075.3	1096.2	1123.8	1155.8	1184.4	1210.5
-52.5°	731.9	799.7	863.3	926.3	985.3	1039.6	1089.8	1121.5	1145.9	1167.2	1180.5
-55°	662.1	720.6	777.5	839.8	900.5	958.3	1012.9	1061.9	1107.9	1151.0	1175.7
-57.5°	585.8	643.3	700.4	757.9	813.2	866.4	919.0	970.3	1018.9	1063.3	1090.3
-60°	510.2	558.6	615.4	674.4	729.5	780.9	833.3	883.0	929.0	968.1	992.2
-62.5°	439.3	484.4	531.6	584.0	640.8	696.2	742.8	789.8	836.8	877.2	904.9
-65°	364.1	401.9	440.2	481.2	524.6	570.0	616.6	662.5	707.2	743.8	770.1
-67.5°	257.6	295.2	331.7	368.2	401.5	435.0	470.7	506.8	542.6	572.1	595.3
-70°	158.8	182.3	204.4	228.1	256.0	285.1	314.8	342.7	368.4	387.5	401.6
-72.5°	85.7	95.1	106.4	124.2	140.8	158.2	176.2	193.4	209.7	221.7	230.7
-75°	46.9	51.2	58.5	65.5	72.0	79.7	87.6	95.0	101.8	108.6	114.9
-77.5°	35.5	37.7	39.6	41.3	42.8	45.5	48.7	51.8	54.9	59.0	63.3
-80°	27.8	28.9	29.9	31.0	32.1	34.0	35.9	37.9	39.8	41.8	43.6
-82.5°	21.4	22.0	22.5	22.9	23.3	24.6	25.8	27.0	28.2	30.2	32.2
-85°	16.1	16.5	16.9	17.2	17.4	18.4	19.3	20.3	21.3	22.8	24.3
-87.5°	12.7	13.1	13.5	13.9	14.3	15.0	15.6	16.1	16.5	17.9	19.2
-90°	3.6	3.2	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.4	0.9



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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°	35.7	39.8	42.5	45.3	42.5	39.8	35.7	31.6	27.6	23.5	20.8
87.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.2
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
77.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.0	3.3	3.3
75°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.7	4.0
72.5°	5.8	5.4	5.4	5.4	5.4	5.4	5.8	6.1	6.3	6.6	7.4
70°	8.9	9.0	9.1	9.1	9.1	9.0	8.9	8.8	8.7	9.1	10.3
67.5°	9.1	9.1	8.2	7.2	8.2	9.1	9.1	9.1	9.1	9.9	11.6
65°	8.5	9.0	8.2	7.2	8.2	9.0	8.5	8.1	7.9	8.8	10.8
62.5°	7.3	7.3	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.8	9.0
60°	6.6	7.1	7.2	7.2	7.2	7.1	6.6	6.3	6.0	6.8	7.8
57.5°	7.1	7.2	8.0	9.1	8.0	7.2	7.1	6.9	6.6	7.0	7.7
55°	8.8	9.0	9.1	9.1	9.1	9.0	8.8	8.6	8.4	8.6	8.8
52.5°	12.2	12.5	12.6	12.7	12.6	12.5	12.2	11.7	11.3	11.0	10.8
50°	15.7	16.0	15.6	14.5	15.6	16.0	15.7	15.3	14.9	14.5	13.5
47.5°	26.0	26.6	26.4	25.4	26.4	26.6	26.0	24.8	23.4	21.8	19.8
45°	41.5	41.5	41.4	41.7	41.4	41.5	41.5	40.4	40.1	37.4	31.8
42.5°	62.0	62.6	62.9	63.4	62.9	62.6	62.0	60.4	60.5	62.3	62.6
40°	89.7	90.2	89.1	86.9	89.1	90.2	89.7	88.0	88.5	78.8	78.7
37.5°	155.6	159.1	158.2	155.8	158.2	159.1	155.6	148.0	143.7	142.9	134.2
35°	232.4	230.3	224.1	224.6	224.1	230.3	232.4	227.1	212.5	192.2	196.2
32.5°	363.0	376.1	380.1	382.2	380.1	376.1	363.0	383.2	348.6	325.8	344.1
30°	864.2	838.0	722.1	686.5	722.1	838.0	864.2	814.7	744.5	694.9	657.9
27.5°	1535.2	1617.9	1693.6	1700.9	1693.6	1617.9	1535.2	1444.5	1319.7	1167.7	1027.9
25°	2835.1	3113.7	3231.0	3215.1	3231.0	3113.7	2835.1	2392.6	1964.1	1785.0	1538.4
22.5°	6255.3	7205.7	7701.1	7718.2	7701.1	7205.7	6255.3	4776.9	3526.5	2837.6	2281.9
20°	13648.8	15942.8	16522.1	16349.3	16522.1	15942.8	13648.8	9923.2	7075.9	4458.2	3261.4
17.5°	28142.5	34928.6	39561.6	39880.5	39561.6	34928.6	28142.5	19931.2	14525.4	8821.8	5357.0
15°	54773.8	67248.1	73717.0	74816.0	73717.0	67248.1	54773.8	40525.2	28202.5	18253.9	11005.4
12.5°	95685.7	114672.5	125236.7	127044.6	125236.7	114672.5	95685.7	72768.5	48584.4	32603.0	20418.1
10°	145950.9	172432.9	189652.1	197424.6	189652.1	172432.9	145950.9	111442.9	79882.6	51644.9	30233.8
7.5°	197526.9	239247.4	273318.9	281043.8	273318.9	239247.4	197526.9	155509.4	112935.2	74886.7	44451.6
5°	261333.4	317274.0	349993.5	357549.8	349993.5	317274.0	261333.4	202571.8	147911.0	97635.3	56302.6
2.5°	308649.5	368795.2	403088.8	421934.4	403088.8	368795.2	308649.5	236819.9	171901.7	112350.0	63670.0
0°	323333.4	378061.6	419289.7	448934.3	419289.7	378061.6	323333.4	247245.8	178965.1	117321.2	66045.5
-2.5°	303458.4	361487.5	391402.9	408069.3	391402.9	361487.5	303458.4	233339.8	170533.2	111484.9	63255.4
-5°	271839.4	325181.2	357806.0	367863.7	357806.0	325181.2	271839.4	213635.0	155136.3	101922.1	56955.8
-7.5°	230414.2	269368.1	293801.2	306121.0	293801.2	269368.1	230414.2	184396.3	131569.6	86514.6	49373.7
-10°	185575.1	215139.3	233363.7	240179.7	233363.7	215139.3	185575.1	145020.9	103858.1	68022.5	38040.2
-12.5°	135922.0	159469.3	173470.3	178871.8	173470.3	159469.3	135922.0	106791.1	75469.8	50293.7	29529.5
-15°	89714.8	106689.0	117458.5	121219.2	117458.5	106689.0	89714.8	70451.6	51496.3	34798.9	19498.0
-17.5°	54376.0	63745.8	70717.3	72475.8	70717.3	63745.8	54376.0	42108.0	31443.5	20472.5	11759.5
-20°	28774.9	32991.3	35346.0	36938.9	35346.0	32991.3	28774.9	21327.4	16123.0	9897.5	7346.1



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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°	13641.5	15937.7	16996.0	17803.8	16996.0	15937.7	13641.5	10361.3	7799.4	6258.0	5276.7
-25°	6827.0	7302.0	7508.8	7797.9	7508.8	7302.0	6827.0	6054.5	5169.6	4811.6	4475.2
-27.5°	4788.6	4900.0	4944.0	4979.4	4944.0	4900.0	4788.6	4618.8	4367.5	4221.2	4009.9
-30°	4173.0	4191.3	4188.6	4186.0	4188.6	4191.3	4173.0	4120.8	4019.0	3914.5	3776.8
-32.5°	3906.0	3925.5	3924.0	3921.6	3924.0	3925.5	3906.0	3862.6	3822.6	3742.4	3613.1
-35°	3665.9	3691.3	3703.9	3709.6	3703.9	3691.3	3665.9	3634.6	3585.8	3508.4	3423.4
-37.5°	3543.0	3548.5	3534.0	3517.6	3534.0	3548.5	3543.0	3506.4	3440.8	3325.5	3248.4
-40°	3670.0	3756.1	3842.5	3869.0	3842.5	3756.1	3670.0	3622.7	3526.5	3378.3	3136.4
-42.5°	3766.1	3821.4	3846.4	3838.3	3846.4	3821.4	3766.1	3686.1	3443.2	3181.8	2834.7
-45°	3333.9	3505.3	3606.9	3631.8	3606.9	3505.3	3333.9	3113.3	2779.4	2392.8	1993.5
-47.5°	2267.2	2459.3	2580.2	2619.2	2580.2	2459.3	2267.2	2039.7	1768.5	1483.0	1214.5
-50°	1235.9	1260.1	1268.0	1260.7	1268.0	1260.1	1235.9	1210.5	1184.4	1155.8	1123.8
-52.5°	1193.5	1207.9	1217.1	1222.7	1217.1	1207.9	1193.5	1180.5	1167.2	1145.9	1121.5
-55°	1196.8	1215.2	1225.4	1229.9	1225.4	1215.2	1196.8	1175.7	1151.0	1107.9	1061.9
-57.5°	1114.1	1134.9	1144.8	1148.4	1144.8	1134.9	1114.1	1090.3	1063.3	1018.9	970.3
-60°	1014.0	1033.7	1041.3	1043.3	1041.3	1033.7	1014.0	992.2	968.1	929.0	883.0
-62.5°	930.5	953.7	963.6	967.3	963.6	953.7	930.5	904.9	877.2	836.8	789.8
-65°	793.2	813.1	819.7	820.5	819.7	813.1	793.2	770.1	743.8	707.2	662.5
-67.5°	616.1	633.9	640.2	641.2	640.2	633.9	616.1	595.3	572.1	542.6	506.8
-70°	413.0	421.6	425.2	425.7	425.2	421.6	413.0	401.6	387.5	368.4	342.7
-72.5°	237.7	242.9	244.6	244.5	244.6	242.9	237.7	230.7	221.7	209.7	193.4
-75°	120.4	125.3	126.5	126.8	126.5	125.3	120.4	114.9	108.6	101.8	95.0
-77.5°	67.6	71.8	72.4	72.5	72.4	71.8	67.6	63.3	59.0	54.9	51.8
-80°	45.3	46.9	47.1	47.1	47.1	46.9	45.3	43.6	41.8	39.8	37.9
-82.5°	34.1	36.1	36.2	36.2	36.2	36.1	34.1	32.2	30.2	28.2	27.0
-85°	25.7	27.1	28.1	29.0	28.1	27.1	25.7	24.3	22.8	21.3	20.3
-87.5°	20.5	21.8	22.6	23.5	22.6	21.8	20.5	19.2	17.9	16.5	16.1
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.1	15.4	12.7	12.7	12.7	12.7	12.7	12.2	11.8	11.4	10.9
87.5°	2.6	3.1	3.4	3.4	3.5	3.5	3.6	4.1	4.5	5.0	5.4
85°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4
82.5°	2.7	3.2	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4
80°	2.8	3.2	3.6	3.9	4.0	4.1	4.2	4.4	4.7	5.0	5.4
77.5°	3.3	3.5	3.7	4.2	4.6	5.1	5.5	5.9	6.1	6.3	6.3
75°	4.2	4.4	4.7	5.3	5.6	5.4	5.6	6.0	6.5	6.9	7.2
72.5°	7.9	8.2	8.7	9.7	10.3	11.0	10.9	10.2	9.3	8.1	7.2
70°	11.5	12.7	14.7	17.2	18.8	19.5	19.9	19.0	16.6	14.6	12.1
67.5°	13.1	14.5	17.1	20.7	23.5	25.9	28.8	31.6	31.7	29.1	20.8
65°	12.9	15.3	17.9	20.1	23.2	27.3	33.5	37.5	40.0	41.1	33.8
62.5°	10.5	12.3	13.7	15.8	18.7	23.6	31.7	38.3	44.0	45.1	38.1
60°	8.6	9.2	10.5	11.9	13.3	17.6	26.3	35.4	44.9	43.6	39.0
57.5°	8.5	9.3	9.8	10.3	10.8	14.1	20.4	29.1	38.9	38.4	35.8
55°	9.0	10.0	10.8	11.1	11.0	12.6	15.2	20.6	28.5	30.9	29.8
52.5°	10.8	11.4	12.4	13.6	13.8	13.3	13.3	16.3	18.9	22.1	23.9
50°	12.7	13.5	13.9	14.2	15.4	15.7	15.2	15.0	16.5	17.8	18.4
47.5°	19.2	19.0	17.7	17.4	18.6	18.4	18.1	17.9	18.9	17.8	17.8
45°	31.1	29.7	27.0	26.5	25.7	25.2	23.2	24.3	24.4	23.3	19.8
42.5°	58.0	49.2	42.4	43.0	39.1	36.6	33.5	33.3	32.7	30.8	28.7
40°	88.3	87.5	79.7	72.7	66.3	54.4	49.0	44.2	42.7	40.3	40.1
37.5°	126.9	125.2	129.7	126.0	111.0	94.1	75.6	61.2	53.6	59.0	57.7
35°	184.3	185.8	197.8	185.2	173.7	165.0	127.4	92.1	79.8	88.8	82.5
32.5°	262.3	318.5	338.8	303.7	289.8	273.6	220.3	152.1	141.8	136.1	120.8
30°	611.0	558.1	555.7	546.9	525.8	455.3	350.4	346.8	283.8	198.8	170.7
27.5°	1003.2	867.6	833.4	916.1	850.4	733.2	663.7	658.2	497.4	342.7	239.8
25°	1511.2	1379.9	1252.9	1322.0	1295.8	1087.2	1009.3	993.9	858.5	541.4	325.9
22.5°	2100.0	1947.5	1796.5	1738.9	1675.5	1452.3	1321.6	1310.8	1255.0	778.5	487.4
20°	2640.4	2462.7	2270.0	2126.2	1950.0	1731.9	1586.0	1562.0	1411.0	1046.9	657.0
17.5°	3788.5	3003.1	2727.1	2501.7	2266.1	1996.5	1906.1	1804.8	1602.3	1278.2	820.3
15°	5896.0	4163.1	3360.3	2939.2	2684.3	2517.0	2337.3	2121.7	1826.5	1460.9	1044.6
12.5°	11557.7	6028.1	4134.6	3530.7	3314.4	3082.4	2834.6	2510.2	2109.4	1766.9	1386.6
10°	17707.5	9171.4	5489.1	4319.4	3942.1	3657.2	3278.6	2853.5	2442.6	2107.7	1734.3
7.5°	24944.5	13127.5	6889.4	4981.9	4421.0	4036.8	3586.9	3137.7	2734.6	2420.3	2079.8
5°	30429.8	15875.7	7815.2	5454.7	4764.6	4387.5	3880.2	3385.7	2991.9	2708.5	2413.8
2.5°	32727.3	17128.2	8399.8	5878.1	5068.0	4697.2	4157.3	3599.7	3189.1	2891.7	2597.2
0°	34681.9	18330.9	8893.7	6077.1	5312.7	4925.1	4414.3	3787.5	3354.6	3044.9	2751.4
-2.5°	32404.1	17041.3	8423.8	5941.4	5175.2	4746.0	4366.3	3894.0	3446.1	3102.0	2749.9
-5°	28779.8	14725.0	7843.4	5739.4	5044.9	4657.4	4349.6	3974.3	3519.3	3149.1	2706.5
-7.5°	25022.7	12449.7	7142.5	5484.2	4909.8	4606.8	4362.4	4026.8	3583.5	3233.4	2724.6
-10°	18937.0	9950.8	6552.0	5391.2	4886.0	4578.9	4389.7	4049.0	3640.7	3303.3	2687.3
-12.5°	14893.4	7925.9	5958.6	5343.4	5000.1	4691.9	4437.1	4028.7	3695.2	3360.5	2588.6
-15°	9660.5	6739.5	5644.5	5309.5	5097.5	4749.3	4420.8	3944.3	3597.8	3328.0	2424.3
-17.5°	7386.1	5755.7	5216.4	5012.6	4848.1	4695.1	4301.8	3808.1	3391.5	3003.3	2071.6
-20°	5642.5	5135.3	4837.7	4612.0	4415.7	4224.3	4025.4	3550.3	3129.2	2530.0	1713.5



REPORT NUMBER: P1305598 (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°	4908.0	4628.8	4410.1	4182.2	3863.8	3698.0	3506.5	3165.0	2810.4	2042.5	1366.9
-25°	4335.4	4160.2	4029.3	3784.5	3412.6	3179.4	3061.4	2813.4	2306.5	1612.0	1075.4
-27.5°	3927.7	3835.7	3730.3	3495.6	3169.9	2882.5	2705.7	2444.0	1813.3	1280.3	1007.1
-30°	3658.2	3618.9	3493.7	3277.9	2979.9	2710.6	2424.2	1927.5	1428.7	1028.3	954.0
-32.5°	3519.6	3414.0	3259.8	3016.0	2769.3	2524.3	2020.4	1479.1	1084.5	976.0	915.4
-35°	3328.4	3148.1	2926.6	2749.5	2584.0	2101.5	1585.6	1155.5	981.5	931.0	882.0
-37.5°	3089.7	2827.5	2661.8	2472.2	2068.3	1619.2	1196.6	1010.3	944.3	898.2	830.5
-40°	2891.7	2636.7	2259.4	1919.0	1540.8	1157.7	1037.8	976.1	922.9	852.3	768.0
-42.5°	2419.7	2043.9	1702.0	1361.7	1096.6	1051.2	1002.2	951.5	882.5	790.6	701.8
-45°	1684.1	1390.2	1128.7	1088.9	1047.3	1010.7	973.5	899.4	812.1	724.0	634.2
-47.5°	1144.3	1111.0	1074.8	1042.2	1011.0	969.7	899.3	820.2	738.2	655.0	575.9
-50°	1096.2	1075.3	1047.2	1005.4	947.4	884.9	814.9	739.6	666.0	594.0	518.6
-52.5°	1089.8	1039.6	985.3	926.3	863.3	799.7	731.9	668.6	603.1	533.4	462.9
-55°	1012.9	958.3	900.5	839.8	777.5	720.6	662.1	601.2	537.7	471.5	412.0
-57.5°	919.0	866.4	813.2	757.9	700.4	643.3	585.8	527.8	473.0	417.0	362.7
-60°	833.3	780.9	729.5	674.4	615.4	558.6	510.2	461.0	410.9	365.2	319.1
-62.5°	742.8	696.2	640.8	584.0	531.6	484.4	439.3	395.8	355.7	315.1	261.5
-65°	616.6	570.0	524.6	481.2	440.2	401.9	364.1	322.4	279.1	237.6	192.1
-67.5°	470.7	435.0	401.5	368.2	331.7	295.2	257.6	221.5	190.6	160.9	126.3
-70°	314.8	285.1	256.0	228.1	204.4	182.3	158.8	134.5	109.7	92.3	76.3
-72.5°	176.2	158.2	140.8	124.2	106.4	95.1	85.7	75.3	63.8	51.2	42.0
-75°	87.6	79.7	72.0	65.5	58.5	51.2	46.9	43.6	40.4	37.5	34.6
-77.5°	48.7	45.5	42.8	41.3	39.6	37.7	35.5	33.4	31.7	30.0	28.1
-80°	35.9	34.0	32.1	31.0	29.9	28.9	27.8	26.4	24.9	23.6	22.5
-82.5°	25.8	24.6	23.3	22.9	22.5	22.0	21.4	20.7	20.0	19.3	18.7
-85°	19.3	18.4	17.4	17.2	16.9	16.5	16.1	15.9	15.6	15.3	14.9
-87.5°	15.6	15.0	14.3	13.9	13.5	13.1	12.7	12.6	12.5	12.3	12.2
-90°	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.1	4.5	5.0	5.4



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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°	10.5	10.0	9.6	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
87.5°	5.4	5.4	5.4	5.4	5.6	5.9	6.0	6.2	6.4	6.6	6.9
85°	5.4	5.4	5.4	5.4	5.9	6.3	6.7	6.9	6.9	6.9	7.0
82.5°	5.4	5.4	5.4	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2
80°	5.4	5.4	5.4	5.5	5.9	6.4	6.8	7.2	7.2	7.2	7.2
77.5°	6.1	5.8	5.5	5.5	6.0	6.4	6.9	7.2	7.2	7.2	7.2
75°	7.2	6.9	6.5	6.2	6.2	6.5	6.9	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	6.9	6.8	7.0	7.2	7.2	7.2	7.2
70°	9.5	7.6	7.2	7.2	7.2	7.2	7.1	7.3	7.2	7.2	7.2
67.5°	13.7	10.8	8.7	7.4	7.2	7.2	7.2	7.4	7.5	7.2	7.2
65°	24.1	16.3	10.7	8.9	7.7	7.2	7.2	7.6	7.8	7.6	7.2
62.5°	31.1	23.5	16.2	11.1	8.4	7.5	7.2	7.7	8.1	8.1	7.5
60°	34.5	27.2	21.3	15.8	10.7	7.7	7.3	7.8	8.2	8.5	8.0
57.5°	31.8	29.1	24.8	19.8	14.4	9.3	7.4	7.9	8.3	8.7	8.6
55°	27.4	25.4	26.5	22.9	17.6	12.3	8.5	8.0	8.4	8.8	9.1
52.5°	22.8	23.3	25.3	24.8	20.4	15.0	10.8	8.1	8.5	8.9	9.1
50°	18.9	22.2	24.8	25.3	22.8	17.6	12.8	9.5	8.6	9.0	9.1
47.5°	18.2	22.1	24.4	26.2	24.6	19.9	14.8	10.9	8.7	9.1	9.1
45°	21.6	23.3	25.1	26.4	26.2	21.5	16.7	11.9	9.6	9.2	9.1
42.5°	26.7	27.3	27.6	27.0	26.6	22.4	18.4	13.3	10.2	9.3	9.2
40°	36.7	33.0	31.6	31.5	27.9	23.0	19.1	14.7	10.6	9.6	9.3
37.5°	48.2	42.0	37.5	39.9	32.0	25.3	19.3	15.8	11.8	10.4	9.5
35°	68.7	53.8	50.7	52.0	42.7	28.4	19.3	16.5	13.6	11.2	9.7
32.5°	93.4	79.0	75.6	66.4	56.5	32.5	21.2	18.0	15.6	12.1	9.9
30°	138.0	126.0	108.8	83.0	72.3	45.2	25.8	19.9	17.6	13.1	10.3
27.5°	206.1	180.4	150.7	112.7	88.1	60.8	31.5	22.0	19.7	14.3	11.1
25°	278.1	242.8	202.8	151.2	105.4	81.7	36.9	24.5	21.6	16.0	11.9
22.5°	358.3	306.9	259.6	194.5	133.0	105.7	48.1	29.2	23.5	17.7	12.7
20°	439.4	371.2	322.6	243.0	170.6	128.8	66.3	33.6	25.5	19.3	13.5
17.5°	531.7	451.9	396.8	300.4	211.9	154.0	85.9	37.8	27.7	20.9	14.3
15°	716.1	551.4	475.3	363.2	251.6	180.9	106.3	41.7	29.9	22.5	15.1
12.5°	939.8	649.7	557.5	429.8	289.4	208.8	127.0	45.3	32.2	24.1	15.8
10°	1186.0	746.1	642.0	498.3	325.2	237.2	147.4	50.8	35.7	25.6	16.4
7.5°	1443.4	840.1	726.9	566.5	363.0	275.3	188.4	61.2	39.5	27.1	16.9
5°	1677.9	926.7	812.0	647.9	421.1	322.2	233.1	71.8	43.4	28.5	17.4
2.5°	1798.0	1001.9	893.3	725.9	477.2	366.9	276.6	82.3	47.2	29.7	17.8
0°	1885.6	1072.3	969.1	797.0	530.7	409.4	317.0	92.4	50.7	30.8	18.1
-2.5°	1856.8	1090.3	990.1	830.7	587.1	452.6	350.7	119.3	66.2	39.9	22.3
-5°	1799.8	1105.0	1007.1	858.7	639.3	493.0	378.8	144.7	81.1	48.5	26.4
-7.5°	1774.7	1112.4	1017.4	880.5	686.1	530.2	400.8	167.9	94.9	56.6	30.1
-10°	1719.3	1114.1	1019.3	879.5	689.5	545.0	412.9	188.4	107.4	63.7	33.4
-12.5°	1612.6	1113.4	1019.9	870.5	680.5	538.8	396.8	200.5	118.3	69.8	36.2
-15°	1449.6	1110.8	1020.0	852.6	665.9	529.6	378.9	207.7	126.7	75.3	38.4
-17.5°	1218.0	1106.4	1020.4	825.5	645.4	517.1	360.3	212.6	133.7	80.3	40.9
-20°	1128.5	1076.7	1015.0	788.7	618.8	501.5	341.6	215.1	139.1	84.0	43.2



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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°	1074.9	1025.6	936.3	753.5	591.7	482.7	323.9	215.0	142.7	86.3	44.4
-25°	1014.7	972.4	854.2	699.7	568.2	455.0	314.2	212.2	144.4	87.1	44.3
-27.5°	954.4	908.5	778.1	646.1	536.7	430.8	309.3	213.2	144.6	86.3	42.9
-30°	893.7	826.7	715.2	597.3	503.4	399.9	301.2	212.1	143.3	84.6	40.1
-32.5°	849.7	755.4	656.7	558.8	467.3	367.9	283.1	208.5	139.8	81.4	38.6
-35°	795.9	698.0	601.6	519.0	429.8	340.8	261.9	202.3	134.0	76.1	37.2
-37.5°	739.6	644.5	557.2	477.6	391.5	312.1	244.2	186.8	126.0	68.6	34.9
-40°	679.5	592.0	513.2	435.3	356.9	281.8	225.2	169.6	115.8	59.1	31.8
-42.5°	617.7	541.4	467.2	392.7	322.4	259.2	204.7	150.9	99.8	52.4	27.8
-45°	559.8	488.9	419.8	353.8	288.1	235.4	182.3	130.9	82.5	46.9	24.8
-47.5°	500.2	436.8	375.2	314.4	260.6	209.7	158.3	110.7	64.6	40.2	23.7
-50°	444.1	387.6	333.1	281.2	232.2	181.3	133.3	89.6	55.1	32.0	22.4
-52.5°	397.5	343.3	295.4	249.4	199.9	151.1	109.3	68.8	44.7	27.8	20.9
-55°	354.0	302.9	260.1	212.8	165.0	123.1	84.4	56.1	33.7	25.6	19.3
-57.5°	313.8	265.1	218.1	172.3	131.5	94.7	65.1	42.4	29.0	23.2	18.3
-60°	270.5	217.4	171.4	133.4	98.2	70.1	48.5	31.7	26.2	20.9	17.1
-62.5°	211.3	165.6	128.0	94.9	70.5	50.6	33.6	28.5	23.4	19.5	15.9
-65°	152.6	116.3	85.0	66.6	48.4	34.7	30.0	25.3	21.5	18.0	14.7
-67.5°	94.2	75.7	58.4	42.0	34.8	30.4	26.3	22.9	19.7	16.5	13.9
-70°	60.2	45.1	38.0	33.9	29.9	26.3	23.8	21.0	17.9	15.5	13.0
-72.5°	38.7	35.3	31.8	28.4	26.1	23.8	21.5	19.1	16.8	14.4	12.1
-75°	31.6	29.3	27.3	25.4	23.4	21.3	19.4	17.7	15.6	13.4	11.5
-77.5°	26.4	24.9	23.7	22.2	20.4	18.8	17.6	16.4	14.4	12.6	10.9
-80°	21.7	20.7	19.6	18.3	17.2	16.3	15.7	15.0	13.3	11.8	10.3
-82.5°	17.7	16.8	16.0	15.3	14.9	14.5	14.1	13.6	12.2	10.9	9.9
-85°	14.4	14.0	13.6	13.2	13.0	12.7	12.4	12.1	11.1	10.3	9.6
-87.5°	12.0	11.7	11.5	11.2	11.0	10.9	10.8	10.6	10.1	9.7	9.4
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.1	8.6	8.2	7.7	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
67.5°	7.3	7.2	7.2	7.2	7.2	7.2	7.2
65°	7.3	7.3	7.2	7.2	7.2	7.2	7.2
62.5°	7.4	7.4	7.2	7.2	7.2	7.2	7.2
60°	7.6	7.6	7.2	7.2	7.2	7.2	7.2
57.5°	7.9	7.8	7.4	7.2	7.2	7.2	7.2
55°	8.3	8.0	7.6	7.2	7.3	7.2	7.2
52.5°	8.6	8.2	7.8	7.2	7.3	7.2	7.2
50°	8.9	8.4	8.0	7.2	7.3	7.2	7.2
47.5°	9.1	8.6	8.2	7.2	7.4	7.2	7.2
45°	9.1	8.7	8.4	7.4	7.4	7.2	7.2
42.5°	9.1	8.9	8.7	7.6	7.5	7.2	7.2
40°	9.1	9.0	8.8	7.8	7.6	7.2	7.2
37.5°	9.1	9.1	8.9	8.0	7.6	7.2	7.2
35°	9.1	9.1	9.0	8.2	7.7	7.2	7.2
32.5°	9.2	9.1	9.1	8.4	7.8	7.2	7.2
30°	9.3	9.1	9.1	8.5	7.9	7.2	7.2
27.5°	9.5	9.1	9.1	8.6	8.0	7.2	7.2
25°	9.8	9.1	9.1	8.8	8.1	7.2	7.2
22.5°	10.0	9.1	9.1	8.8	8.2	7.2	7.2
20°	10.2	9.3	9.1	8.9	8.3	7.2	7.2
17.5°	10.5	9.4	9.1	9.0	8.4	7.2	7.2
15°	10.9	9.6	9.1	9.0	8.5	7.2	7.2
12.5°	11.2	9.8	9.1	9.1	8.6	7.2	7.2
10°	11.6	10.0	9.1	9.1	8.7	7.2	7.2
7.5°	11.9	10.3	9.1	9.1	8.8	7.2	7.2
5°	12.2	10.5	9.1	9.1	8.9	7.2	7.2
2.5°	12.4	10.7	9.1	9.1	9.0	7.2	7.2
0°	12.7	10.9	9.1	9.1	9.1	7.2	7.2
-2.5°	14.1	11.3	9.3	9.2	9.1	7.2	7.2
-5°	15.5	11.7	9.4	9.3	9.1	7.3	7.2
-7.5°	16.8	12.0	9.6	9.4	9.1	7.3	7.2
-10°	17.9	12.3	9.7	9.5	9.1	7.4	7.2
-12.5°	18.9	12.5	9.9	9.6	9.0	7.4	7.2
-15°	19.7	12.7	10.0	9.7	9.0	7.4	7.2
-17.5°	20.3	12.9	10.2	9.8	9.0	7.5	7.2
-20°	20.9	13.0	10.3	9.9	8.9	7.5	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.6	13.0	10.5	9.9	8.9	7.5	7.2
-25°	21.9	13.2	10.6	9.9	8.9	7.6	7.2
-27.5°	21.8	13.4	10.8	9.9	8.9	7.6	7.2
-30°	21.1	13.5	10.9	9.9	8.8	7.6	7.2
-32.5°	19.8	13.5	11.1	9.9	8.8	7.6	7.2
-35°	19.3	13.3	11.3	9.8	8.8	7.6	7.2
-37.5°	19.1	13.3	11.4	9.7	8.8	7.7	7.2
-40°	18.8	13.4	11.5	9.6	8.8	7.7	7.2
-42.5°	18.2	13.4	11.4	9.5	8.8	7.7	7.2
-45°	17.5	13.4	11.3	9.4	8.8	7.7	7.2
-47.5°	16.7	13.3	11.1	9.2	8.8	7.7	7.2
-50°	16.2	13.1	10.9	9.2	8.8	7.7	7.2
-52.5°	15.8	12.8	10.6	9.2	8.8	7.7	7.2
-55°	15.2	12.4	10.4	9.2	8.8	7.6	7.2
-57.5°	14.5	12.0	10.1	9.2	8.8	7.6	7.2
-60°	13.7	11.5	9.8	9.2	8.8	7.6	7.2
-62.5°	13.1	11.1	9.7	9.2	8.8	7.6	7.2
-65°	12.4	10.5	9.6	9.2	8.7	7.6	7.2
-67.5°	11.6	10.2	9.5	9.2	8.5	7.5	7.2
-70°	10.9	10.0	9.4	9.1	8.4	7.5	7.2
-72.5°	10.4	9.7	9.3	9.0	8.3	7.5	7.2
-75°	10.0	9.5	9.1	8.8	8.1	7.4	7.2
-77.5°	9.6	9.2	9.0	8.6	8.0	7.4	7.2
-80°	9.2	9.0	8.8	8.4	7.8	7.4	7.2
-82.5°	9.1	8.9	8.6	8.2	7.7	7.3	7.2
-85°	9.1	8.8	8.5	8.0	7.5	7.3	7.2
-87.5°	9.1	8.7	8.3	7.9	7.4	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)