

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: P1305451 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

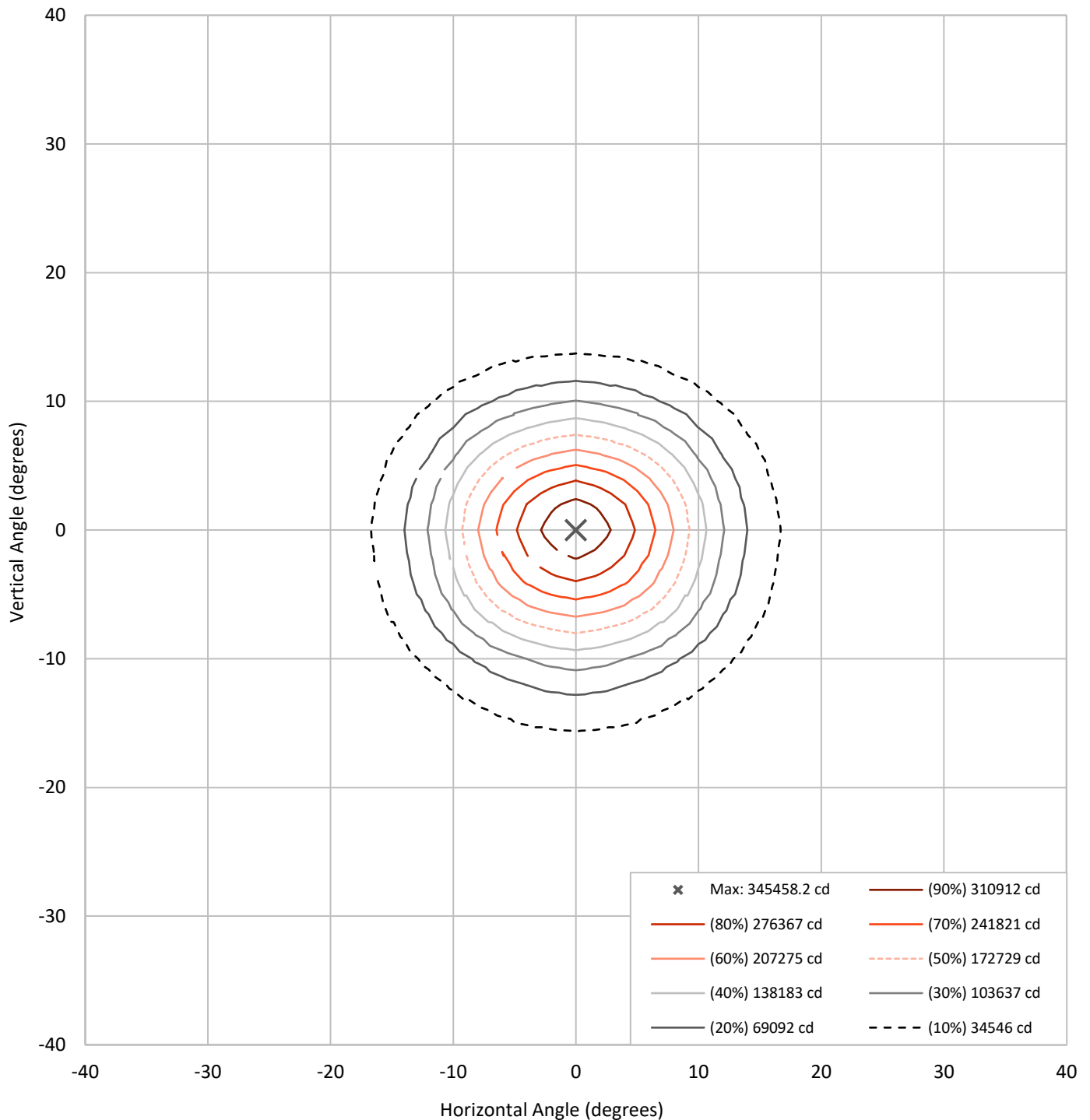
Test Method: LM-79-08
Report Number: P1305451 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-40-70-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S 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:	35516.4 lumens	Max Intensity:	345458.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	16379.7 lumens	Field Lumens:	30218.9 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	336.3		
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





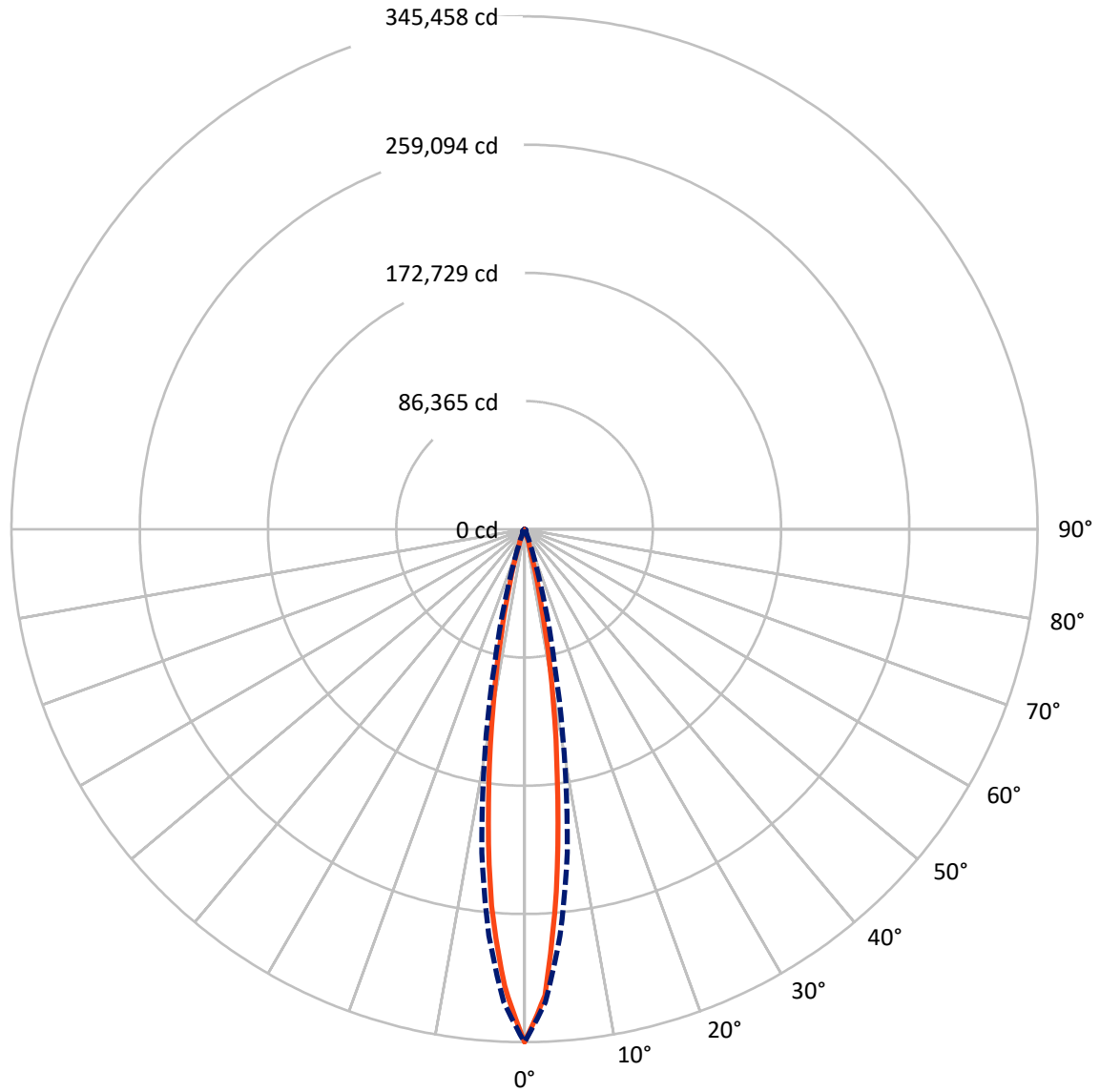
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Lumen Table

90	0.1	0.3		0.4		0.4		0.5		0.4		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.4		0.5		0.4		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.2	0.1	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.3	0.1	0.2			
40		0.2	0.4	0.5	0.9	1.3	1.4	1.6	1.6	1.4	1.3	0.9	0.5	0.4	0.2				
30	0.2	0.3	0.9	2.1	4.0	4.5	6.4	12.9	12.9	6.4	4.5	4.0	2.1	0.9	0.3	0.2			
20		0.7	2.9	9.7	18.1	24.0	178.1	741.6	741.6	178.1	24.0	18.1	9.7	2.9	0.7				
10	0.2	1.2	5.7	24.4	39.5	89.8	1306.4	5661.0	5661.0	1306.4	89.8	39.5	24.4	5.7	1.2	0.2			
0		1.4	6.7	28.1	46.3	92.0	1402.1	5917.0	5917.0	1402.1	92.0	46.3	28.1	6.7	1.4				
-10	0.3	1.5	5.8	21.2	38.2	42.1	299.0	1161.4	1161.4	299.0	42.1	38.2	21.2	5.8	1.5	0.3			
-20		1.5	5.0	11.9	30.8	35.6	39.3	76.4	76.4	39.3	35.6	30.8	11.9	5.0	1.5				
-30	0.3	1.3	4.3	7.6	18.8	35.6	41.6	42.0	42.0	41.6	35.6	18.8	7.6	4.3	1.3	0.3			
-40		0.9	3.2	6.5	10.2	18.0	30.3	39.8	39.8	30.3	18.0	10.2	6.5	3.2	0.9				
-50	0.2	0.4	1.8	4.3	7.6	10.5	12.4	13.8	13.8	12.4	10.5	7.6	4.3	1.8	0.4	0.2			
-60		0.2	0.6	1.7	3.4	5.3	7.0	8.2	8.2	7.0	5.3	3.4	1.7	0.6	0.2				
-70	0.1	0.6		1.6		3.7		6.2		3.7		1.6		0.6		0.1			
-80		0.6		1.6		3.7		6.2		3.7		1.6		0.6					
-90	0.1	0.6		1.6		3.7		6.2		3.7		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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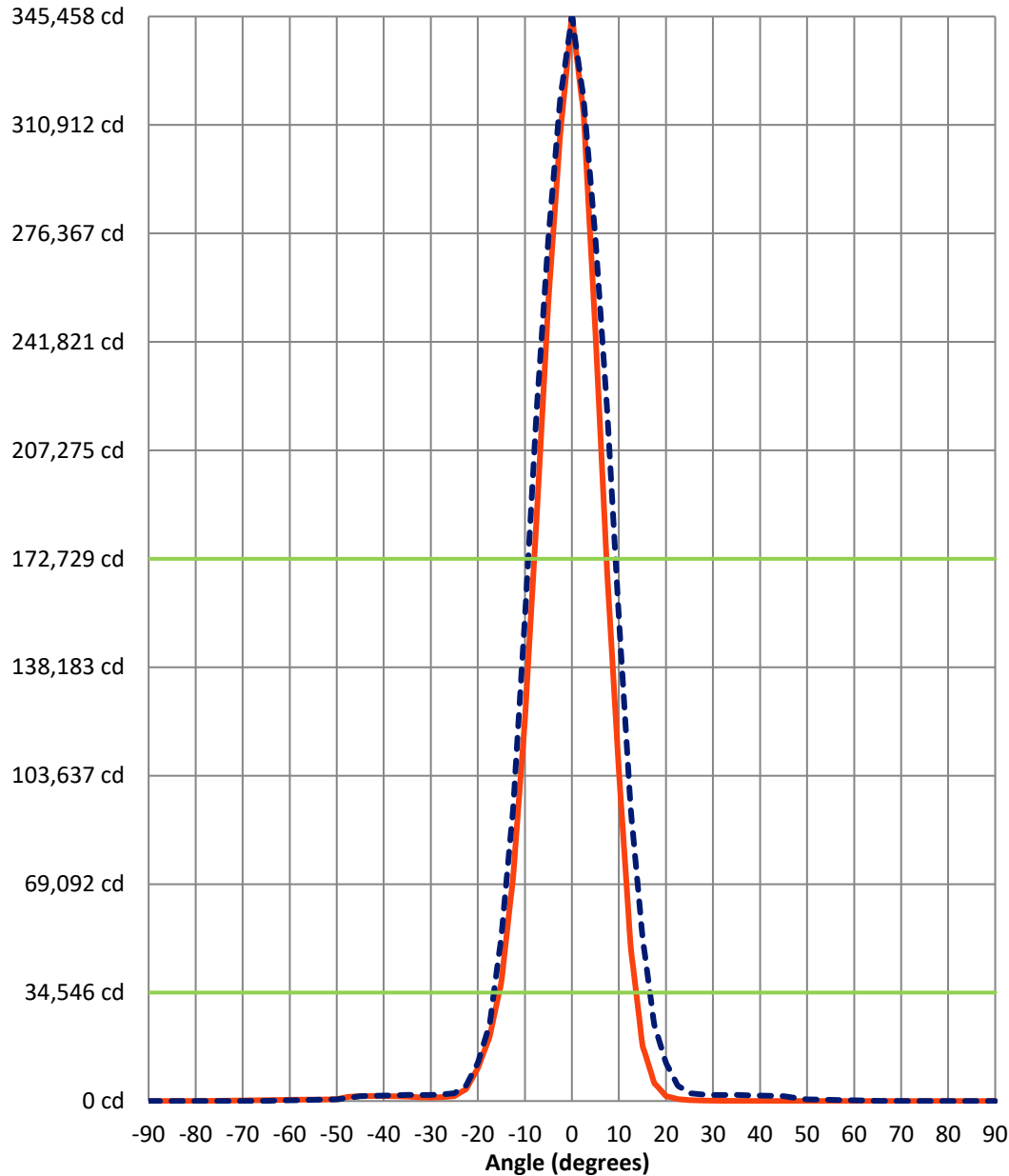
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 16379.7
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 30218.9
 Efficiency: 85.1%

Spill:
 Lumens: 5297.5
 Efficiency: 14.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.4	4.4	4.4	4.6	4.9	5.1	5.3	5.3	5.3	5.3	5.3
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.5	4.4	4.4	4.4	4.5	4.4
72.5°	4.4	4.4	4.4	4.4	4.6	4.7	4.5	4.5	4.6	4.6	4.5
70°	4.4	4.4	4.4	4.4	4.8	4.8	4.6	4.7	4.8	4.7	4.8
67.5°	4.4	4.4	4.4	4.6	4.9	5.0	4.8	4.9	5.0	5.1	5.2
65°	4.4	4.4	4.4	4.8	5.1	5.1	5.1	5.1	5.3	5.4	5.5
62.5°	4.4	4.4	4.4	5.0	5.3	5.4	5.4	5.4	5.6	5.8	5.6
60°	4.4	4.4	4.4	5.2	5.5	5.6	5.6	5.7	5.9	5.9	5.8
57.5°	4.4	4.4	4.5	5.3	5.7	5.8	5.9	6.0	6.2	6.2	6.1
55°	4.4	4.4	4.6	5.5	5.9	6.0	6.2	6.3	6.4	6.4	6.5
52.5°	4.4	4.4	4.7	5.7	6.0	6.2	6.5	6.7	6.7	6.8	7.0
50°	4.4	4.4	4.9	5.9	6.2	6.5	6.9	7.1	7.0	7.2	8.0
47.5°	4.4	4.4	4.9	6.1	6.3	6.8	7.2	7.5	7.3	7.6	9.1
45°	4.4	4.4	5.0	6.2	6.5	7.1	7.7	8.0	7.8	8.4	10.1
42.5°	4.4	4.4	5.1	6.4	6.6	7.4	8.1	8.5	8.5	9.3	11.2
40°	4.4	4.4	5.2	6.4	6.8	7.7	8.6	9.1	9.2	10.1	12.1
37.5°	4.4	4.4	5.2	6.4	7.1	8.0	9.0	9.7	10.2	11.2	12.9
35°	4.4	4.4	5.3	6.4	7.3	8.4	9.6	10.3	11.2	12.5	13.4
32.5°	4.4	4.4	5.3	6.5	7.6	8.8	10.1	11.0	12.2	13.9	14.8
30°	4.4	4.4	5.4	6.5	7.8	9.2	10.6	11.7	13.1	15.4	16.5
27.5°	4.4	4.4	5.4	6.5	7.9	9.6	11.2	12.6	14.2	16.9	18.3
25°	4.4	4.4	5.4	6.5	7.9	10.0	11.8	13.3	15.5	18.5	20.4
22.5°	4.4	4.4	5.5	6.5	7.9	10.3	12.4	14.1	16.8	20.2	23.5
20°	4.4	4.4	5.5	6.5	7.9	10.3	13.0	14.9	18.1	21.9	26.9
17.5°	4.4	4.4	5.5	6.4	7.8	10.2	13.1	15.6	19.4	23.7	30.5
15°	4.4	4.4	5.5	6.4	7.8	10.1	12.8	15.9	20.7	25.6	34.2
12.5°	4.4	4.4	5.4	6.4	7.7	10.0	12.5	15.6	21.3	27.4	37.9
10°	4.4	4.4	5.4	6.4	7.6	9.8	12.2	15.4	21.3	28.3	41.5
7.5°	4.4	4.4	5.4	6.3	7.4	9.6	11.8	15.1	21.2	29.0	44.8
5°	4.4	4.4	5.4	6.3	7.3	9.3	11.4	14.8	21.0	29.7	48.0
2.5°	4.4	4.4	5.3	6.3	7.2	9.1	11.0	14.5	20.6	30.3	50.9
0°	4.4	4.4	5.3	6.2	7.0	8.8	10.5	14.1	20.2	30.8	53.6
-2.5°	4.4	4.4	5.3	6.2	7.1	8.9	11.0	15.6	23.8	36.9	62.0
-5°	4.4	4.4	5.3	6.2	7.1	9.0	11.4	17.0	27.2	42.6	69.7
-7.5°	4.4	4.5	5.3	6.2	7.2	9.0	11.8	18.2	30.3	47.9	76.8
-10°	4.4	4.5	5.3	6.2	7.2	9.1	12.1	19.3	33.1	52.7	83.0
-12.5°	4.4	4.5	5.3	6.1	7.3	9.1	12.4	20.2	35.3	56.9	88.9
-15°	4.4	4.5	5.3	6.1	7.3	9.1	12.6	20.8	37.6	61.2	94.1
-17.5°	4.4	4.5	5.2	6.1	7.3	9.1	12.6	21.8	40.0	64.8	98.1
-20°	4.4	4.5	5.2	6.0	7.3	9.0	12.8	22.9	41.8	67.7	100.9



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 CATALOG NUMBER: EPH-08-320L-40-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	4.6	5.2	6.0	7.2	9.0	13.2	23.5	42.8	69.7	102.4
-25°	4.4	4.6	5.2	5.9	7.2	9.0	13.3	23.6	43.1	70.8	102.5
-27.5°	4.4	4.6	5.2	5.9	7.1	9.1	13.2	23.1	42.4	71.0	103.4
-30°	4.4	4.6	5.2	5.8	7.0	9.2	12.9	22.0	41.6	70.2	103.2
-32.5°	4.4	4.6	5.2	5.8	7.0	9.2	12.3	21.4	40.3	68.2	101.7
-35°	4.4	4.6	5.2	5.7	7.0	9.1	12.0	20.7	38.2	65.0	99.0
-37.5°	4.4	4.6	5.2	5.6	6.9	9.0	11.9	19.6	35.1	60.6	91.5
-40°	4.4	4.6	5.1	5.6	6.8	8.9	11.7	18.1	31.1	55.9	82.9
-42.5°	4.4	4.6	5.1	5.5	6.8	8.8	11.5	16.2	28.0	49.1	73.4
-45°	4.4	4.6	5.1	5.5	6.7	8.6	11.1	14.7	25.4	41.4	63.3
-47.5°	4.4	4.6	5.1	5.5	6.7	8.5	10.7	14.1	22.1	33.3	54.0
-50°	4.4	4.6	5.1	5.5	6.6	8.2	10.4	13.5	18.1	28.6	44.1
-52.5°	4.4	4.6	5.2	5.5	6.6	8.0	10.1	12.8	16.0	23.7	34.2
-55°	4.4	4.6	5.2	5.5	6.5	7.8	9.8	12.0	14.9	18.6	28.4
-57.5°	4.4	4.6	5.2	5.6	6.4	7.7	9.4	11.5	13.7	16.3	22.2
-60°	4.4	4.6	5.2	5.6	6.3	7.5	9.0	10.9	12.6	15.0	17.4
-62.5°	4.4	4.6	5.1	5.6	6.2	7.3	8.7	10.3	11.9	13.5	15.9
-65°	4.4	4.6	5.1	5.5	6.1	7.1	8.4	9.7	11.1	12.6	14.2
-67.5°	4.4	4.6	5.0	5.5	6.1	6.9	8.1	9.3	10.3	11.7	13.1
-70°	4.4	4.5	5.0	5.5	6.0	6.7	7.7	8.8	9.8	10.8	12.0
-72.5°	4.4	4.5	4.9	5.4	5.9	6.5	7.4	8.3	9.3	10.2	11.1
-75°	4.4	4.5	4.8	5.3	5.7	6.3	7.0	7.8	8.7	9.6	10.4
-77.5°	4.4	4.5	4.8	5.2	5.6	6.0	6.6	7.3	8.1	8.9	9.8
-80°	4.4	4.5	4.7	5.1	5.5	5.8	6.2	6.8	7.4	8.0	8.8
-82.5°	4.4	4.5	4.6	5.0	5.3	5.6	6.0	6.3	6.6	7.1	7.7
-85°	4.4	4.4	4.6	4.9	5.2	5.5	5.8	6.0	6.2	6.4	6.7
-87.5°	4.4	4.4	4.5	4.7	5.0	5.3	5.5	5.6	5.7	5.9	6.0
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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 CATALOG NUMBER: EPH-08-320L-40-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.3	5.3	5.3	5.3	5.5	5.8	6.0	6.2	6.2	6.2	6.2
87.5°	4.2	4.0	3.7	3.5	3.3	3.1	2.8	2.6	2.6	2.6	2.6
85°	4.2	4.0	3.7	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7
82.5°	4.2	4.0	3.7	3.5	3.5	3.5	3.5	3.5	3.3	3.1	2.8
80°	4.2	4.0	3.9	3.8	3.8	3.8	3.7	3.5	3.3	3.1	3.0
77.5°	4.3	4.2	4.2	4.3	4.2	4.1	4.0	4.0	3.9	3.8	3.7
75°	4.4	4.4	4.5	4.4	4.3	4.3	4.4	4.4	4.3	4.2	4.2
72.5°	4.5	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.9	5.7	6.4
70°	4.9	5.0	4.8	4.5	4.4	4.7	5.6	6.8	8.1	9.2	10.8
67.5°	5.2	5.0	4.8	4.8	5.4	6.6	7.9	11.1	15.0	16.7	17.4
65°	5.3	5.1	5.3	6.0	6.9	9.2	12.7	17.3	22.2	23.1	22.6
62.5°	5.3	5.5	6.1	7.3	9.2	12.3	16.8	21.9	27.5	27.6	24.1
60°	5.7	6.1	7.4	9.4	11.6	15.1	20.3	24.2	28.2	29.9	22.8
57.5°	6.2	7.1	9.2	11.6	14.4	16.9	19.7	23.5	25.1	25.0	18.5
55°	7.0	8.6	11.1	14.1	16.2	15.6	17.5	18.8	19.1	17.8	12.9
52.5°	8.4	10.2	13.3	16.0	16.4	14.7	13.7	14.4	13.5	11.5	10.0
50°	9.7	12.2	15.4	17.1	16.2	13.2	11.0	11.1	10.4	9.6	8.6
47.5°	11.2	14.1	17.1	17.9	14.8	12.7	10.6	9.9	9.4	9.0	8.2
45°	12.6	15.5	18.7	16.7	14.4	13.1	11.5	9.7	9.7	9.4	9.4
42.5°	13.8	16.5	17.8	15.7	15.4	14.5	13.1	11.3	10.6	11.0	11.3
40°	14.6	17.3	17.1	17.2	16.9	16.3	15.4	14.0	12.5	13.5	14.0
37.5°	15.1	17.2	17.7	19.6	19.0	18.8	18.1	18.3	17.3	16.8	18.9
35°	15.4	17.6	20.6	22.9	22.6	21.8	23.0	23.7	23.3	22.6	25.9
32.5°	15.8	18.5	24.3	26.8	27.7	27.2	28.6	30.0	31.4	33.1	38.5
30°	17.5	21.9	28.5	31.2	33.9	37.1	36.3	37.4	41.3	53.8	65.5
27.5°	20.9	26.3	32.7	37.1	42.0	49.3	50.9	49.0	61.0	80.9	101.6
25°	24.7	39.6	37.3	44.0	53.8	63.9	69.4	73.7	90.1	119.2	140.9
22.5°	32.3	57.2	56.8	51.7	67.2	80.9	94.0	123.2	164.6	177.9	182.2
20°	45.2	74.7	80.3	82.0	87.3	99.8	122.2	190.7	273.5	304.6	271.3
17.5°	60.4	93.9	106.1	119.5	135.7	139.5	158.5	272.0	409.0	455.8	455.9
15°	77.4	114.5	133.6	160.6	187.4	204.4	267.5	404.6	555.5	629.7	672.1
12.5°	95.6	136.1	162.2	204.6	241.6	271.3	409.2	627.8	768.2	833.0	956.6
10°	114.3	158.3	191.7	250.4	297.5	339.7	568.6	866.0	1002.7	1066.1	1207.4
7.5°	133.0	179.0	220.4	297.1	354.4	408.5	738.3	1112.1	1229.0	1285.5	1400.6
5°	151.0	197.4	243.2	332.6	399.3	464.9	892.2	1357.2	1448.3	1493.9	1558.9
2.5°	167.5	214.8	265.0	364.5	435.4	500.5	959.2	1464.8	1564.8	1633.2	1688.6
0°	181.9	231.1	285.6	393.7	469.3	533.4	1008.0	1553.7	1659.1	1740.8	1807.6
-2.5°	182.6	234.5	292.3	392.5	461.7	528.1	961.3	1533.6	1691.5	1814.1	1914.2
-5°	180.9	236.6	297.3	388.7	452.4	520.2	899.9	1485.4	1698.1	1828.6	1930.9
-7.5°	177.3	237.1	300.2	381.9	438.5	500.1	846.3	1387.0	1621.3	1733.1	1841.7
-10°	172.5	235.7	295.9	366.0	418.6	472.6	778.1	1272.7	1542.6	1638.7	1739.5
-12.5°	168.4	233.0	289.5	350.3	398.3	444.3	688.9	1146.9	1464.6	1548.3	1628.8
-15°	163.6	229.4	282.4	335.7	378.2	415.8	577.5	1013.8	1388.4	1482.3	1544.6
-17.5°	158.5	224.9	274.6	322.9	358.7	387.5	445.6	853.8	1261.5	1404.7	1477.6
-20°	153.4	219.9	266.5	312.5	340.4	367.5	406.4	690.8	1063.7	1311.0	1404.1



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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°	148.6	214.3	258.5	302.0	330.6	354.6	385.7	532.2	854.6	1205.1	1317.3
-25°	146.8	205.6	250.7	291.7	323.3	342.5	364.5	399.0	661.6	994.7	1219.7
-27.5°	146.3	198.4	241.5	280.9	317.6	332.1	349.0	375.3	509.8	778.8	1099.5
-30°	144.1	188.1	231.4	269.6	306.6	326.3	336.9	357.7	393.7	600.4	863.5
-32.5°	137.4	177.1	219.4	257.5	293.5	322.8	330.9	348.4	375.0	434.2	647.6
-35°	129.1	166.7	206.3	244.5	280.0	312.7	330.9	341.2	359.0	387.2	483.1
-37.5°	121.2	155.6	192.8	230.3	265.0	298.0	329.8	339.0	350.9	371.0	407.6
-40°	112.1	143.7	179.5	215.2	248.7	281.4	312.7	339.3	346.5	366.8	392.4
-42.5°	101.7	132.2	165.8	199.1	230.5	262.6	294.1	323.9	351.8	365.7	385.5
-45°	90.2	119.3	151.4	181.2	210.5	241.8	272.6	303.6	339.6	372.0	385.2
-47.5°	77.7	105.1	135.1	161.9	189.2	218.2	249.1	281.7	318.0	353.8	390.9
-50°	65.0	90.3	116.3	141.7	166.7	193.4	221.7	256.1	290.7	326.6	362.6
-52.5°	53.2	74.4	97.8	121.1	144.2	167.5	194.7	225.8	259.1	293.5	325.5
-55°	40.8	59.8	78.7	100.3	121.8	142.6	166.7	194.7	223.6	255.3	284.2
-57.5°	31.7	44.9	61.3	78.9	98.8	118.9	140.8	163.3	189.0	215.6	239.5
-60°	24.5	33.1	44.9	59.8	75.0	94.1	114.6	135.1	155.9	175.5	195.8
-62.5°	18.1	24.9	32.3	41.8	55.1	69.3	86.8	105.5	124.4	141.0	155.9
-65°	16.3	18.2	23.4	30.0	36.3	48.7	62.0	75.3	91.5	106.0	119.5
-67.5°	14.5	16.2	17.8	20.4	26.3	32.8	39.6	51.2	62.7	72.8	82.9
-70°	13.2	14.2	15.6	17.1	18.7	21.7	27.4	33.3	39.3	46.3	55.1
-72.5°	12.0	13.0	13.9	14.7	16.1	17.7	19.4	21.2	24.6	29.3	34.2
-75°	11.1	11.7	12.5	13.3	14.2	15.1	16.2	17.7	19.0	20.2	21.3
-77.5°	10.3	10.7	11.3	11.9	12.5	13.3	14.1	14.9	15.8	16.7	17.7
-80°	9.3	9.7	10.0	10.4	10.9	11.4	11.9	12.5	13.0	13.4	14.0
-82.5°	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.3	10.4	10.6
-85°	6.9	7.0	7.2	7.4	7.6	7.8	7.9	8.1	8.1	8.0	7.9
-87.5°	6.1	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.6	6.5	6.4
-90°	4.2	4.0	3.7	3.5	3.3	3.1	2.8	2.6	2.6	2.6	2.6



REPORT NUMBER: P1305451 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.2	6.2	6.2	6.2	6.2	8.6	11.0	13.4	15.8	21.7	27.6
87.5°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
85°	2.6	2.4	2.2	2.0	1.8	1.8	1.7	1.7	1.7	1.5	1.3
82.5°	2.6	2.5	2.4	2.4	2.4	2.3	2.1	2.0	1.8	1.6	1.4
80°	2.9	2.9	2.8	2.7	2.6	2.4	2.2	2.0	1.8	1.8	1.8
77.5°	3.6	3.5	3.3	3.0	2.7	2.5	2.5	2.5	2.5	2.3	2.2
75°	4.3	4.3	4.2	3.9	3.6	3.5	3.5	3.4	3.3	3.2	3.0
72.5°	6.9	7.1	6.8	6.5	6.0	5.8	5.8	5.8	5.6	5.6	5.5
70°	11.6	11.8	11.4	10.5	9.2	8.3	8.0	7.5	7.0	7.1	7.5
67.5°	16.8	15.7	14.5	13.0	11.1	9.7	9.0	8.2	7.4	7.0	6.8
65°	20.4	16.2	13.8	12.2	11.1	10.0	8.9	7.9	6.9	6.3	6.0
62.5°	19.5	13.8	11.3	10.2	9.3	8.5	7.4	6.4	5.5	4.9	4.9
60°	16.7	11.6	8.9	7.9	7.0	6.2	5.7	5.1	4.7	4.5	4.7
57.5°	13.0	9.1	6.9	6.6	6.2	5.6	5.2	5.1	4.8	4.4	4.7
55°	9.5	7.9	7.0	6.8	6.6	6.3	6.0	5.6	5.2	5.0	5.1
52.5°	8.2	7.8	7.7	7.6	7.1	6.6	6.2	6.1	6.0	5.9	6.0
50°	8.0	8.0	8.0	7.8	7.4	7.1	6.9	6.9	6.8	6.7	6.8
47.5°	8.2	8.4	8.3	7.9	7.8	8.0	7.9	7.8	8.0	8.1	8.2
45°	9.0	9.3	9.4	9.5	9.3	9.6	9.6	9.5	11.0	11.1	10.4
42.5°	11.0	12.1	13.0	12.7	11.6	13.9	17.4	18.9	17.3	15.1	13.6
40°	15.6	17.1	17.7	18.9	23.5	27.0	23.8	20.5	19.1	20.3	21.3
37.5°	21.9	23.8	29.4	36.5	33.9	27.6	28.2	28.5	27.9	29.8	30.0
35°	31.9	41.0	47.8	45.6	42.4	41.8	43.3	43.8	39.5	41.5	42.2
32.5°	51.2	62.3	62.8	60.0	61.5	61.8	66.1	63.2	59.6	61.4	66.3
30°	74.0	84.9	88.9	83.8	74.5	79.7	84.1	82.8	85.3	92.9	100.8
27.5°	109.5	116.6	123.2	113.0	94.5	102.6	105.7	102.5	120.1	129.5	148.2
25°	152.0	159.9	165.1	156.6	143.8	137.3	147.2	154.7	176.1	196.9	226.2
22.5°	198.1	219.6	225.8	203.6	203.5	203.4	207.3	232.7	261.5	307.5	384.7
20°	252.0	294.7	328.9	306.3	277.3	296.8	321.0	352.2	434.3	642.9	880.1
17.5°	442.8	412.9	475.7	477.8	436.1	481.8	568.8	680.7	1026.9	2091.2	2788.9
15°	753.6	722.0	682.9	685.0	726.1	815.7	993.7	1613.4	3142.2	5413.8	7761.5
12.5°	1070.8	1023.4	965.9	950.6	1040.4	1220.9	2060.4	4610.7	8210.5	12130.7	22186.9
10°	1321.1	1295.8	1242.8	1282.4	1432.5	1962.1	3679.1	8102.4	15530.7	28518.4	44543.8
7.5°	1467.9	1458.3	1472.6	1588.9	1833.6	3228.1	7003.3	13578.2	25819.2	45500.4	74371.7
5°	1615.3	1623.4	1666.7	1826.7	2140.0	4106.1	9884.3	18868.6	37384.5	66314.6	111023.8
2.5°	1778.7	1786.1	1844.3	2045.9	2404.3	4243.3	10569.9	22237.8	47400.2	85311.5	144576.5
0°	1966.7	1924.5	1942.1	2125.7	2495.7	4949.2	12198.2	24385.9	52460.0	93202.5	153649.6
-2.5°	2033.4	1943.2	1926.7	2081.8	2406.1	4385.9	10896.6	22676.5	48183.4	85385.2	143273.4
-5°	1988.2	1864.8	1815.5	1942.4	2250.2	3845.8	9162.3	20634.0	42779.5	73042.8	121404.3
-7.5°	1875.6	1757.3	1684.6	1780.1	2048.9	3169.0	7018.2	15625.5	31138.5	54043.7	86242.8
-10°	1778.9	1665.6	1554.7	1585.3	1771.5	2358.9	4369.2	10235.0	20572.8	36481.0	54830.8
-12.5°	1695.2	1600.3	1434.3	1383.9	1488.2	1763.9	3049.4	6976.1	13159.3	20694.4	33557.2
-15°	1608.6	1530.8	1365.1	1285.3	1322.5	1456.8	1805.1	3350.7	7205.4	12265.0	17806.1
-17.5°	1512.6	1459.2	1359.6	1241.7	1191.3	1245.3	1411.6	1889.0	3202.1	6355.3	9810.4
-20°	1447.6	1417.8	1344.7	1241.2	1176.5	1151.5	1209.2	1355.4	1677.9	2886.5	4374.9



REPORT NUMBER: P1305451 (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°	1366.1	1353.8	1304.4	1274.8	1227.4	1173.8	1123.2	1168.6	1275.7	1440.3	1954.6
-25°	1289.0	1292.0	1295.2	1334.2	1326.6	1251.8	1155.8	1087.1	1123.1	1174.7	1278.8
-27.5°	1203.7	1246.1	1311.8	1385.1	1419.2	1355.9	1242.8	1139.8	1109.1	1078.9	1122.9
-30°	1128.7	1215.0	1285.4	1375.0	1433.8	1414.9	1356.6	1287.1	1211.9	1159.6	1142.4
-32.5°	935.4	1174.5	1239.6	1311.7	1399.4	1427.3	1420.7	1394.0	1361.8	1324.9	1286.8
-35°	727.0	992.4	1210.7	1252.2	1309.5	1392.3	1457.4	1461.9	1457.7	1444.2	1434.0
-37.5°	513.4	766.0	996.1	1180.7	1249.5	1304.6	1404.4	1480.6	1524.0	1520.6	1521.6
-40°	426.4	495.9	727.3	940.8	1099.0	1246.5	1326.0	1425.8	1505.1	1537.4	1562.1
-42.5°	411.4	438.3	465.9	626.0	829.7	1008.1	1145.4	1272.0	1384.0	1463.9	1527.3
-45°	400.7	419.0	439.9	466.5	495.2	654.6	831.9	996.8	1104.5	1212.3	1324.9
-47.5°	400.3	404.7	419.6	438.3	456.5	482.4	512.0	552.2	671.5	779.8	894.1
-50°	388.3	406.4	411.4	417.1	428.8	443.0	456.9	471.4	485.0	493.6	505.2
-52.5°	353.1	376.4	398.3	415.4	419.8	424.1	428.2	437.6	446.7	454.2	462.8
-55°	310.3	335.2	359.3	378.9	396.6	413.2	425.7	427.8	430.6	433.9	439.1
-57.5°	264.2	288.3	311.1	331.7	351.1	369.1	382.0	391.7	400.7	409.3	420.4
-60°	216.7	238.0	258.9	278.8	297.9	316.0	328.0	337.8	346.3	354.7	366.2
-62.5°	170.2	186.5	205.4	223.3	239.9	255.5	267.9	278.4	287.2	295.9	306.5
-65°	132.3	144.5	158.4	171.5	183.8	198.2	211.6	222.6	231.4	240.0	249.5
-67.5°	94.4	105.7	118.7	130.9	142.3	153.3	164.5	175.1	184.9	194.8	204.6
-70°	63.1	71.1	80.5	90.9	101.5	111.5	121.1	130.4	139.2	148.0	156.4
-72.5°	39.1	44.1	49.3	56.3	63.4	70.4	77.3	84.1	90.8	98.7	106.6
-75°	22.3	24.3	28.3	32.1	35.8	39.2	42.1	44.6	46.7	51.3	56.4
-77.5°	18.8	19.7	20.8	21.8	22.9	24.3	25.9	27.6	29.2	33.0	37.1
-80°	14.6	15.3	16.0	16.7	17.5	18.6	19.7	20.8	21.8	24.5	27.5
-82.5°	10.8	11.1	11.4	11.7	12.0	12.8	13.7	14.5	15.3	17.6	19.9
-85°	7.9	8.0	8.1	8.2	8.3	9.0	9.8	10.5	11.2	13.4	15.7
-87.5°	6.2	6.2	6.2	6.2	6.2	7.0	7.7	8.4	9.0	11.5	13.9
-90°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.9	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°	33.6	39.5	33.3	27.2	33.3	39.5	33.6	27.6	21.7	15.8	13.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
85°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
82.5°	1.1	0.9	1.3	1.8	1.3	0.9	1.1	1.4	1.6	1.8	2.0
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
77.5°	2.0	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.3	2.5	2.5
75°	2.8	2.6	2.6	2.6	2.6	2.6	2.8	3.0	3.2	3.3	3.4
72.5°	5.4	5.2	5.3	5.3	5.3	5.2	5.4	5.5	5.6	5.6	5.8
70°	8.1	8.6	8.8	8.8	8.8	8.6	8.1	7.5	7.1	7.0	7.5
67.5°	6.6	6.3	6.2	6.2	6.2	6.3	6.6	6.8	7.0	7.4	8.2
65°	5.7	5.4	5.3	5.3	5.3	5.4	5.7	6.0	6.3	6.9	7.9
62.5°	5.1	5.2	5.3	5.3	5.3	5.2	5.1	4.9	4.9	5.5	6.4
60°	5.0	5.2	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.7	5.1
57.5°	5.0	5.2	5.3	5.3	5.3	5.2	5.0	4.7	4.4	4.8	5.1
55°	5.2	5.3	5.6	6.2	5.6	5.3	5.2	5.1	5.0	5.2	5.6
52.5°	6.1	6.1	6.2	6.2	6.2	6.1	6.1	6.0	5.9	6.0	6.1
50°	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.8	6.9
47.5°	8.5	8.7	8.8	8.8	8.8	8.7	8.5	8.2	8.1	8.0	7.8
45°	10.6	10.5	10.5	10.5	10.5	10.5	10.6	10.4	11.1	11.0	9.5
42.5°	14.1	14.5	14.8	14.9	14.8	14.5	14.1	13.6	15.1	17.3	18.9
40°	22.3	22.6	22.4	22.0	22.4	22.6	22.3	21.3	20.3	19.1	20.5
37.5°	30.3	31.0	31.3	31.6	31.3	31.0	30.3	30.0	29.8	27.9	28.5
35°	42.6	43.1	42.8	43.9	42.8	43.1	42.6	42.2	41.5	39.5	43.8
32.5°	69.4	69.8	67.6	68.5	67.6	69.8	69.4	66.3	61.4	59.6	63.2
30°	106.4	111.2	114.2	117.8	114.2	111.2	106.4	100.8	92.9	85.3	82.8
27.5°	161.9	173.9	181.7	186.3	181.7	173.9	161.9	148.2	129.5	120.1	102.5
25°	252.8	271.0	280.8	288.2	280.8	271.0	252.8	226.2	196.9	176.1	154.7
22.5°	491.1	560.6	599.5	636.2	599.5	560.6	491.1	384.7	307.5	261.5	232.7
20°	1259.4	1340.5	1493.4	1587.9	1493.4	1340.5	1259.4	880.1	642.9	434.3	352.2
17.5°	4242.6	5408.9	5626.6	5791.1	5626.6	5408.9	4242.6	2788.9	2091.2	1026.9	680.7
15°	12634.4	16095.9	17027.6	17820.6	17027.6	16095.9	12634.4	7761.5	5413.8	3142.2	1613.4
12.5°	30504.9	40032.2	45214.1	49151.0	45214.1	40032.2	30504.9	22186.9	12130.7	8210.5	4610.7
10°	63912.3	82564.4	96721.4	104920.0	96721.4	82564.4	63912.3	44543.8	28518.4	15530.7	8102.4
7.5°	108840.0	140453.8	158933.9	168340.5	158933.9	140453.8	108840.0	74371.7	45500.4	25819.2	13578.2
5°	164161.3	204971.4	230762.5	244944.3	230762.5	204971.4	164161.3	111023.8	66314.6	37384.5	18868.6
2.5°	205053.1	257408.6	296068.6	314253.5	296068.6	257408.6	205053.1	144576.5	85311.5	47400.2	22237.8
0°	219859.4	274788.3	318982.6	345458.2	318982.6	274788.3	219859.4	153649.6	93202.5	52460.0	24385.9
-2.5°	205725.0	257291.3	291712.6	307730.3	291712.6	257291.3	205725.0	143273.4	85385.2	48183.4	22676.5
-5°	174939.8	219522.6	244258.6	254729.4	244258.6	219522.6	174939.8	121404.3	73042.8	42779.5	20634.0
-7.5°	124116.7	158124.8	175510.2	185824.1	175510.2	158124.8	124116.7	86242.8	54043.7	31138.5	15625.5
-10°	78143.5	97261.4	113891.7	121414.6	113891.7	97261.4	78143.5	54830.8	36481.0	20572.8	10235.0
-12.5°	45381.6	57485.5	67216.1	71349.6	67216.1	57485.5	45381.6	33557.2	20694.4	13159.3	6976.1
-15°	25079.2	31693.6	36173.6	37926.0	36173.6	31693.6	25079.2	17806.1	12265.0	7205.4	3350.7
-17.5°	13946.0	17155.6	18429.0	20471.0	18429.0	17155.6	13946.0	9810.4	6355.3	3202.1	1889.0
-20°	6832.3	8496.5	9030.2	10470.6	9030.2	8496.5	6832.3	4374.9	2886.5	1677.9	1355.4



REPORT NUMBER: P1305451 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2653.9	3046.7	3134.3	3817.4	3134.3	3046.7	2653.9	1954.6	1440.3	1275.7	1168.6
-25°	1378.2	1444.4	1475.2	1555.4	1475.2	1444.4	1378.2	1278.8	1174.7	1123.1	1087.1
-27.5°	1158.6	1190.7	1216.3	1254.9	1216.3	1190.7	1158.6	1122.9	1078.9	1109.1	1139.8
-30°	1129.2	1123.5	1124.3	1128.3	1124.3	1123.5	1129.2	1142.4	1159.6	1211.9	1287.1
-32.5°	1256.3	1236.8	1227.2	1190.7	1227.2	1236.8	1256.3	1286.8	1324.9	1361.8	1394.0
-35°	1427.8	1426.1	1427.3	1410.4	1427.3	1426.1	1427.8	1434.0	1444.2	1457.7	1461.9
-37.5°	1522.0	1524.8	1528.1	1522.9	1528.1	1524.8	1522.0	1521.6	1520.6	1524.0	1480.6
-40°	1570.6	1578.6	1584.1	1582.7	1584.1	1578.6	1570.6	1562.1	1537.4	1505.1	1425.8
-42.5°	1558.9	1578.5	1588.2	1591.5	1588.2	1578.5	1558.9	1527.3	1463.9	1384.0	1272.0
-45°	1427.8	1507.9	1556.1	1569.5	1556.1	1507.9	1427.8	1324.9	1212.3	1104.5	996.8
-47.5°	1022.8	1141.3	1252.3	1349.8	1252.3	1141.3	1022.8	894.1	779.8	671.5	552.2
-50°	519.7	533.1	560.4	600.2	560.4	533.1	519.7	505.2	493.6	485.0	471.4
-52.5°	471.3	479.0	486.6	493.9	486.6	479.0	471.3	462.8	454.2	446.7	437.6
-55°	444.1	448.8	452.4	455.2	452.4	448.8	444.1	439.1	433.9	430.6	427.8
-57.5°	429.9	437.8	444.5	449.9	444.5	437.8	429.9	420.4	409.3	400.7	391.7
-60°	376.2	384.9	393.0	399.8	393.0	384.9	376.2	366.2	354.7	346.3	337.8
-62.5°	315.6	323.3	331.2	338.3	331.2	323.3	315.6	306.5	295.9	287.2	278.4
-65°	257.9	265.3	271.9	277.7	271.9	265.3	257.9	249.5	240.0	231.4	222.6
-67.5°	213.8	222.2	230.5	238.1	230.5	222.2	213.8	204.6	194.8	184.9	175.1
-70°	164.0	170.9	176.8	181.9	176.8	170.9	164.0	156.4	148.0	139.2	130.4
-72.5°	113.7	120.2	127.6	134.5	127.6	120.2	113.7	106.6	98.7	90.8	84.1
-75°	61.3	66.0	70.5	74.7	70.5	66.0	61.3	56.4	51.3	46.7	44.6
-77.5°	41.2	45.3	48.2	51.0	48.2	45.3	41.2	37.1	33.0	29.2	27.6
-80°	30.3	33.2	35.5	37.8	35.5	33.2	30.3	27.5	24.5	21.8	20.8
-82.5°	22.2	24.5	26.3	28.1	26.3	24.5	22.2	19.9	17.6	15.3	14.5
-85°	17.9	20.2	21.9	23.7	21.9	20.2	17.9	15.7	13.4	11.2	10.5
-87.5°	16.2	18.6	19.8	21.1	19.8	18.6	16.2	13.9	11.5	9.0	8.4
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.0	8.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
87.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.6	2.6
85°	1.7	1.8	1.8	2.0	2.2	2.4	2.6	2.7	2.8	2.9	3.0
82.5°	2.1	2.3	2.4	2.4	2.4	2.5	2.6	2.8	3.1	3.3	3.5
80°	2.2	2.4	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.3	3.5
77.5°	2.5	2.5	2.7	3.0	3.3	3.5	3.6	3.7	3.8	3.9	4.0
75°	3.5	3.5	3.6	3.9	4.2	4.3	4.3	4.2	4.2	4.3	4.4
72.5°	5.8	5.8	6.0	6.5	6.8	7.1	6.9	6.4	5.7	4.9	4.4
70°	8.0	8.3	9.2	10.5	11.4	11.8	11.6	10.8	9.2	8.1	6.8
67.5°	9.0	9.7	11.1	13.0	14.5	15.7	16.8	17.4	16.7	15.0	11.1
65°	8.9	10.0	11.1	12.2	13.8	16.2	20.4	22.6	23.1	22.2	17.3
62.5°	7.4	8.5	9.3	10.2	11.3	13.8	19.5	24.1	27.6	27.5	21.9
60°	5.7	6.2	7.0	7.9	8.9	11.6	16.7	22.8	29.9	28.2	24.2
57.5°	5.2	5.6	6.2	6.6	6.9	9.1	13.0	18.5	25.0	25.1	23.5
55°	6.0	6.3	6.6	6.8	7.0	7.9	9.5	12.9	17.8	19.1	18.8
52.5°	6.2	6.6	7.1	7.6	7.7	7.8	8.2	10.0	11.5	13.5	14.4
50°	6.9	7.1	7.4	7.8	8.0	8.0	8.0	8.6	9.6	10.4	11.1
47.5°	7.9	8.0	7.8	7.9	8.3	8.4	8.2	8.2	9.0	9.4	9.9
45°	9.6	9.6	9.3	9.5	9.4	9.3	9.0	9.4	9.4	9.7	9.7
42.5°	17.4	13.9	11.6	12.7	13.0	12.1	11.0	11.3	11.0	10.6	11.3
40°	23.8	27.0	23.5	18.9	17.7	17.1	15.6	14.0	13.5	12.5	14.0
37.5°	28.2	27.6	33.9	36.5	29.4	23.8	21.9	18.9	16.8	17.3	18.3
35°	43.3	41.8	42.4	45.6	47.8	41.0	31.9	25.9	22.6	23.3	23.7
32.5°	66.1	61.8	61.5	60.0	62.8	62.3	51.2	38.5	33.1	31.4	30.0
30°	84.1	79.7	74.5	83.8	88.9	84.9	74.0	65.5	53.8	41.3	37.4
27.5°	105.7	102.6	94.5	113.0	123.2	116.6	109.5	101.6	80.9	61.0	49.0
25°	147.2	137.3	143.8	156.6	165.1	159.9	152.0	140.9	119.2	90.1	73.7
22.5°	207.3	203.4	203.5	203.6	225.8	219.6	198.1	182.2	177.9	164.6	123.2
20°	321.0	296.8	277.3	306.3	328.9	294.7	252.0	271.3	304.6	273.5	190.7
17.5°	568.8	481.8	436.1	477.8	475.7	412.9	442.8	455.9	455.8	409.0	272.0
15°	993.7	815.7	726.1	685.0	682.9	722.0	753.6	672.1	629.7	555.5	404.6
12.5°	2060.4	1220.9	1040.4	950.6	965.9	1023.4	1070.8	956.6	833.0	768.2	627.8
10°	3679.1	1962.1	1432.5	1282.4	1242.8	1295.8	1321.1	1207.4	1066.1	1002.7	866.0
7.5°	7003.3	3228.1	1833.6	1588.9	1472.6	1458.3	1467.9	1400.6	1285.5	1229.0	1112.1
5°	9884.3	4106.1	2140.0	1826.7	1666.7	1623.4	1615.3	1558.9	1493.9	1448.3	1357.2
2.5°	10569.9	4243.3	2404.3	2045.9	1844.3	1786.1	1778.7	1688.6	1633.2	1564.8	1464.8
0°	12198.2	4949.2	2495.7	2125.7	1942.1	1924.5	1966.7	1807.6	1740.8	1659.1	1553.7
-2.5°	10896.6	4385.9	2406.1	2081.8	1926.7	1943.2	2033.4	1914.2	1814.1	1691.5	1533.6
-5°	9162.3	3845.8	2250.2	1942.4	1815.5	1864.8	1988.2	1930.9	1828.6	1698.1	1485.4
-7.5°	7018.2	3169.0	2048.9	1780.1	1684.6	1757.3	1875.6	1841.7	1733.1	1621.3	1387.0
-10°	4369.2	2358.9	1771.5	1585.3	1554.7	1665.6	1778.9	1739.5	1638.7	1542.6	1272.7
-12.5°	3049.4	1763.9	1488.2	1383.9	1434.3	1600.3	1695.2	1628.8	1548.3	1464.6	1146.9
-15°	1805.1	1456.8	1322.5	1285.3	1365.1	1530.8	1608.6	1544.6	1482.3	1388.4	1013.8
-17.5°	1411.6	1245.3	1191.3	1241.7	1359.6	1459.2	1512.6	1477.6	1404.7	1261.5	853.8
-20°	1209.2	1151.5	1176.5	1241.2	1344.7	1417.8	1447.6	1404.1	1311.0	1063.7	690.8



REPORT NUMBER: P1305451 (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°	1123.2	1173.8	1227.4	1274.8	1304.4	1353.8	1366.1	1317.3	1205.1	854.6	532.2
-25°	1155.8	1251.8	1326.6	1334.2	1295.2	1292.0	1289.0	1219.7	994.7	661.6	399.0
-27.5°	1242.8	1355.9	1419.2	1385.1	1311.8	1246.1	1203.7	1099.5	778.8	509.8	375.3
-30°	1356.6	1414.9	1433.8	1375.0	1285.4	1215.0	1128.7	863.5	600.4	393.7	357.7
-32.5°	1420.7	1427.3	1399.4	1311.7	1239.6	1174.5	935.4	647.6	434.2	375.0	348.4
-35°	1457.4	1392.3	1309.5	1252.2	1210.7	992.4	727.0	483.1	387.2	359.0	341.2
-37.5°	1404.4	1304.6	1249.5	1180.7	996.1	766.0	513.4	407.6	371.0	350.9	339.0
-40°	1326.0	1246.5	1099.0	940.8	727.3	495.9	426.4	392.4	366.8	346.5	339.3
-42.5°	1145.4	1008.1	829.7	626.0	465.9	438.3	411.4	385.5	365.7	351.8	323.9
-45°	831.9	654.6	495.2	466.5	439.9	419.0	400.7	385.2	372.0	339.6	303.6
-47.5°	512.0	482.4	456.5	438.3	419.6	404.7	400.3	390.9	353.8	318.0	281.7
-50°	456.9	443.0	428.8	417.1	411.4	406.4	388.3	362.6	326.6	290.7	256.1
-52.5°	428.2	424.1	419.8	415.4	398.3	376.4	353.1	325.5	293.5	259.1	225.8
-55°	425.7	413.2	396.6	378.9	359.3	335.2	310.3	284.2	255.3	223.6	194.7
-57.5°	382.0	369.1	351.1	331.7	311.1	288.3	264.2	239.5	215.6	189.0	163.3
-60°	328.0	316.0	297.9	278.8	258.9	238.0	216.7	195.8	175.5	155.9	135.1
-62.5°	267.9	255.5	239.9	223.3	205.4	186.5	170.2	155.9	141.0	124.4	105.5
-65°	211.6	198.2	183.8	171.5	158.4	144.5	132.3	119.5	106.0	91.5	75.3
-67.5°	164.5	153.3	142.3	130.9	118.7	105.7	94.4	82.9	72.8	62.7	51.2
-70°	121.1	111.5	101.5	90.9	80.5	71.1	63.1	55.1	46.3	39.3	33.3
-72.5°	77.3	70.4	63.4	56.3	49.3	44.1	39.1	34.2	29.3	24.6	21.2
-75°	42.1	39.2	35.8	32.1	28.3	24.3	22.3	21.3	20.2	19.0	17.7
-77.5°	25.9	24.3	22.9	21.8	20.8	19.7	18.8	17.7	16.7	15.8	14.9
-80°	19.7	18.6	17.5	16.7	16.0	15.3	14.6	14.0	13.4	13.0	12.5
-82.5°	13.7	12.8	12.0	11.7	11.4	11.1	10.8	10.6	10.4	10.3	10.1
-85°	9.8	9.0	8.3	8.2	8.1	8.0	7.9	7.9	8.0	8.1	8.1
-87.5°	7.7	7.0	6.2	6.2	6.2	6.2	6.2	6.4	6.5	6.6	6.8
-90°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.6	2.6



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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°	6.0	5.8	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
85°	3.1	3.2	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
82.5°	3.5	3.5	3.5	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4
80°	3.7	3.8	3.8	3.8	3.9	4.0	4.2	4.4	4.4	4.4	4.4
77.5°	4.0	4.1	4.2	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.4
75°	4.4	4.3	4.3	4.4	4.5	4.4	4.4	4.4	4.5	4.4	4.4
72.5°	4.4	4.4	4.4	4.5	4.6	4.7	4.5	4.5	4.6	4.6	4.5
70°	5.6	4.7	4.4	4.5	4.8	5.0	4.9	4.8	4.7	4.8	4.7
67.5°	7.9	6.6	5.4	4.8	4.8	5.0	5.2	5.2	5.1	5.0	4.9
65°	12.7	9.2	6.9	6.0	5.3	5.1	5.3	5.5	5.4	5.3	5.1
62.5°	16.8	12.3	9.2	7.3	6.1	5.5	5.3	5.6	5.8	5.6	5.4
60°	20.3	15.1	11.6	9.4	7.4	6.1	5.7	5.8	5.9	5.9	5.7
57.5°	19.7	16.9	14.4	11.6	9.2	7.1	6.2	6.1	6.2	6.2	6.0
55°	17.5	15.6	16.2	14.1	11.1	8.6	7.0	6.5	6.4	6.4	6.3
52.5°	13.7	14.7	16.4	16.0	13.3	10.2	8.4	7.0	6.8	6.7	6.7
50°	11.0	13.2	16.2	17.1	15.4	12.2	9.7	8.0	7.2	7.0	7.1
47.5°	10.6	12.7	14.8	17.9	17.1	14.1	11.2	9.1	7.6	7.3	7.5
45°	11.5	13.1	14.4	16.7	18.7	15.5	12.6	10.1	8.4	7.8	8.0
42.5°	13.1	14.5	15.4	15.7	17.8	16.5	13.8	11.2	9.3	8.5	8.5
40°	15.4	16.3	16.9	17.2	17.1	17.3	14.6	12.1	10.1	9.2	9.1
37.5°	18.1	18.8	19.0	19.6	17.7	17.2	15.1	12.9	11.2	10.2	9.7
35°	23.0	21.8	22.6	22.9	20.6	17.6	15.4	13.4	12.5	11.2	10.3
32.5°	28.6	27.2	27.7	26.8	24.3	18.5	15.8	14.8	13.9	12.2	11.0
30°	36.3	37.1	33.9	31.2	28.5	21.9	17.5	16.5	15.4	13.1	11.7
27.5°	50.9	49.3	42.0	37.1	32.7	26.3	20.9	18.3	16.9	14.2	12.6
25°	69.4	63.9	53.8	44.0	37.3	39.6	24.7	20.4	18.5	15.5	13.3
22.5°	94.0	80.9	67.2	51.7	56.8	57.2	32.3	23.5	20.2	16.8	14.1
20°	122.2	99.8	87.3	82.0	80.3	74.7	45.2	26.9	21.9	18.1	14.9
17.5°	158.5	139.5	135.7	119.5	106.1	93.9	60.4	30.5	23.7	19.4	15.6
15°	267.5	204.4	187.4	160.6	133.6	114.5	77.4	34.2	25.6	20.7	15.9
12.5°	409.2	271.3	241.6	204.6	162.2	136.1	95.6	37.9	27.4	21.3	15.6
10°	568.6	339.7	297.5	250.4	191.7	158.3	114.3	41.5	28.3	21.3	15.4
7.5°	738.3	408.5	354.4	297.1	220.4	179.0	133.0	44.8	29.0	21.2	15.1
5°	892.2	464.9	399.3	332.6	243.2	197.4	151.0	48.0	29.7	21.0	14.8
2.5°	959.2	500.5	435.4	364.5	265.0	214.8	167.5	50.9	30.3	20.6	14.5
0°	1008.0	533.4	469.3	393.7	285.6	231.1	181.9	53.6	30.8	20.2	14.1
-2.5°	961.3	528.1	461.7	392.5	292.3	234.5	182.6	62.0	36.9	23.8	15.6
-5°	899.9	520.2	452.4	388.7	297.3	236.6	180.9	69.7	42.6	27.2	17.0
-7.5°	846.3	500.1	438.5	381.9	300.2	237.1	177.3	76.8	47.9	30.3	18.2
-10°	778.1	472.6	418.6	366.0	295.9	235.7	172.5	83.0	52.7	33.1	19.3
-12.5°	688.9	444.3	398.3	350.3	289.5	233.0	168.4	88.9	56.9	35.3	20.2
-15°	577.5	415.8	378.2	335.7	282.4	229.4	163.6	94.1	61.2	37.6	20.8
-17.5°	445.6	387.5	358.7	322.9	274.6	224.9	158.5	98.1	64.8	40.0	21.8
-20°	406.4	367.5	340.4	312.5	266.5	219.9	153.4	100.9	67.7	41.8	22.9



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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°	385.7	354.6	330.6	302.0	258.5	214.3	148.6	102.4	69.7	42.8	23.5
-25°	364.5	342.5	323.3	291.7	250.7	205.6	146.8	102.5	70.8	43.1	23.6
-27.5°	349.0	332.1	317.6	280.9	241.5	198.4	146.3	103.4	71.0	42.4	23.1
-30°	336.9	326.3	306.6	269.6	231.4	188.1	144.1	103.2	70.2	41.6	22.0
-32.5°	330.9	322.8	293.5	257.5	219.4	177.1	137.4	101.7	68.2	40.3	21.4
-35°	330.9	312.7	280.0	244.5	206.3	166.7	129.1	99.0	65.0	38.2	20.7
-37.5°	329.8	298.0	265.0	230.3	192.8	155.6	121.2	91.5	60.6	35.1	19.6
-40°	312.7	281.4	248.7	215.2	179.5	143.7	112.1	82.9	55.9	31.1	18.1
-42.5°	294.1	262.6	230.5	199.1	165.8	132.2	101.7	73.4	49.1	28.0	16.2
-45°	272.6	241.8	210.5	181.2	151.4	119.3	90.2	63.3	41.4	25.4	14.7
-47.5°	249.1	218.2	189.2	161.9	135.1	105.1	77.7	54.0	33.3	22.1	14.1
-50°	221.7	193.4	166.7	141.7	116.3	90.3	65.0	44.1	28.6	18.1	13.5
-52.5°	194.7	167.5	144.2	121.1	97.8	74.4	53.2	34.2	23.7	16.0	12.8
-55°	166.7	142.6	121.8	100.3	78.7	59.8	40.8	28.4	18.6	14.9	12.0
-57.5°	140.8	118.9	98.8	78.9	61.3	44.9	31.7	22.2	16.3	13.7	11.5
-60°	114.6	94.1	75.0	59.8	44.9	33.1	24.5	17.4	15.0	12.6	10.9
-62.5°	86.8	69.3	55.1	41.8	32.3	24.9	18.1	15.9	13.5	11.9	10.3
-65°	62.0	48.7	36.3	30.0	23.4	18.2	16.3	14.2	12.6	11.1	9.7
-67.5°	39.6	32.8	26.3	20.4	17.8	16.2	14.5	13.1	11.7	10.3	9.3
-70°	27.4	21.7	18.7	17.1	15.6	14.2	13.2	12.0	10.8	9.8	8.8
-72.5°	19.4	17.7	16.1	14.7	13.9	13.0	12.0	11.1	10.2	9.3	8.3
-75°	16.2	15.1	14.2	13.3	12.5	11.7	11.1	10.4	9.6	8.7	7.8
-77.5°	14.1	13.3	12.5	11.9	11.3	10.7	10.3	9.8	8.9	8.1	7.3
-80°	11.9	11.4	10.9	10.4	10.0	9.7	9.3	8.8	8.0	7.4	6.8
-82.5°	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.1	6.6	6.3
-85°	7.9	7.8	7.6	7.4	7.2	7.0	6.9	6.7	6.4	6.2	6.0
-87.5°	6.7	6.6	6.4	6.3	6.2	6.1	6.1	6.0	5.9	5.7	5.6
-90°	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.4	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.3	5.1	4.9	4.6	4.4	4.4	4.4
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.5	4.4	4.4	4.4	4.4	4.4
72.5°	4.5	4.7	4.6	4.4	4.4	4.4	4.4
70°	4.6	4.8	4.8	4.4	4.4	4.4	4.4
67.5°	4.8	5.0	4.9	4.6	4.4	4.4	4.4
65°	5.1	5.1	5.1	4.8	4.4	4.4	4.4
62.5°	5.4	5.4	5.3	5.0	4.4	4.4	4.4
60°	5.6	5.6	5.5	5.2	4.4	4.4	4.4
57.5°	5.9	5.8	5.7	5.3	4.5	4.4	4.4
55°	6.2	6.0	5.9	5.5	4.6	4.4	4.4
52.5°	6.5	6.2	6.0	5.7	4.7	4.4	4.4
50°	6.9	6.5	6.2	5.9	4.9	4.4	4.4
47.5°	7.2	6.8	6.3	6.1	4.9	4.4	4.4
45°	7.7	7.1	6.5	6.2	5.0	4.4	4.4
42.5°	8.1	7.4	6.6	6.4	5.1	4.4	4.4
40°	8.6	7.7	6.8	6.4	5.2	4.4	4.4
37.5°	9.0	8.0	7.1	6.4	5.2	4.4	4.4
35°	9.6	8.4	7.3	6.4	5.3	4.4	4.4
32.5°	10.1	8.8	7.6	6.5	5.3	4.4	4.4
30°	10.6	9.2	7.8	6.5	5.4	4.4	4.4
27.5°	11.2	9.6	7.9	6.5	5.4	4.4	4.4
25°	11.8	10.0	7.9	6.5	5.4	4.4	4.4
22.5°	12.4	10.3	7.9	6.5	5.5	4.4	4.4
20°	13.0	10.3	7.9	6.5	5.5	4.4	4.4
17.5°	13.1	10.2	7.8	6.4	5.5	4.4	4.4
15°	12.8	10.1	7.8	6.4	5.5	4.4	4.4
12.5°	12.5	10.0	7.7	6.4	5.4	4.4	4.4
10°	12.2	9.8	7.6	6.4	5.4	4.4	4.4
7.5°	11.8	9.6	7.4	6.3	5.4	4.4	4.4
5°	11.4	9.3	7.3	6.3	5.4	4.4	4.4
2.5°	11.0	9.1	7.2	6.3	5.3	4.4	4.4
0°	10.5	8.8	7.0	6.2	5.3	4.4	4.4
-2.5°	11.0	8.9	7.1	6.2	5.3	4.4	4.4
-5°	11.4	9.0	7.1	6.2	5.3	4.4	4.4
-7.5°	11.8	9.0	7.2	6.2	5.3	4.5	4.4
-10°	12.1	9.1	7.2	6.2	5.3	4.5	4.4
-12.5°	12.4	9.1	7.3	6.1	5.3	4.5	4.4
-15°	12.6	9.1	7.3	6.1	5.3	4.5	4.4
-17.5°	12.6	9.1	7.3	6.1	5.2	4.5	4.4
-20°	12.8	9.0	7.3	6.0	5.2	4.5	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.2	9.0	7.2	6.0	5.2	4.6	4.4
-25°	13.3	9.0	7.2	5.9	5.2	4.6	4.4
-27.5°	13.2	9.1	7.1	5.9	5.2	4.6	4.4
-30°	12.9	9.2	7.0	5.8	5.2	4.6	4.4
-32.5°	12.3	9.2	7.0	5.8	5.2	4.6	4.4
-35°	12.0	9.1	7.0	5.7	5.2	4.6	4.4
-37.5°	11.9	9.0	6.9	5.6	5.2	4.6	4.4
-40°	11.7	8.9	6.8	5.6	5.1	4.6	4.4
-42.5°	11.5	8.8	6.8	5.5	5.1	4.6	4.4
-45°	11.1	8.6	6.7	5.5	5.1	4.6	4.4
-47.5°	10.7	8.5	6.7	5.5	5.1	4.6	4.4
-50°	10.4	8.2	6.6	5.5	5.1	4.6	4.4
-52.5°	10.1	8.0	6.6	5.5	5.2	4.6	4.4
-55°	9.8	7.8	6.5	5.5	5.2	4.6	4.4
-57.5°	9.4	7.7	6.4	5.6	5.2	4.6	4.4
-60°	9.0	7.5	6.3	5.6	5.2	4.6	4.4
-62.5°	8.7	7.3	6.2	5.6	5.1	4.6	4.4
-65°	8.4	7.1	6.1	5.5	5.1	4.6	4.4
-67.5°	8.1	6.9	6.1	5.5	5.0	4.6	4.4
-70°	7.7	6.7	6.0	5.5	5.0	4.5	4.4
-72.5°	7.4	6.5	5.9	5.4	4.9	4.5	4.4
-75°	7.0	6.3	5.7	5.3	4.8	4.5	4.4
-77.5°	6.6	6.0	5.6	5.2	4.8	4.5	4.4
-80°	6.2	5.8	5.5	5.1	4.7	4.5	4.4
-82.5°	6.0	5.6	5.3	5.0	4.6	4.5	4.4
-85°	5.8	5.5	5.2	4.9	4.6	4.4	4.4
-87.5°	5.5	5.3	5.0	4.7	4.5	4.4	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)