

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: P1305600 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/3/2026

Test Information

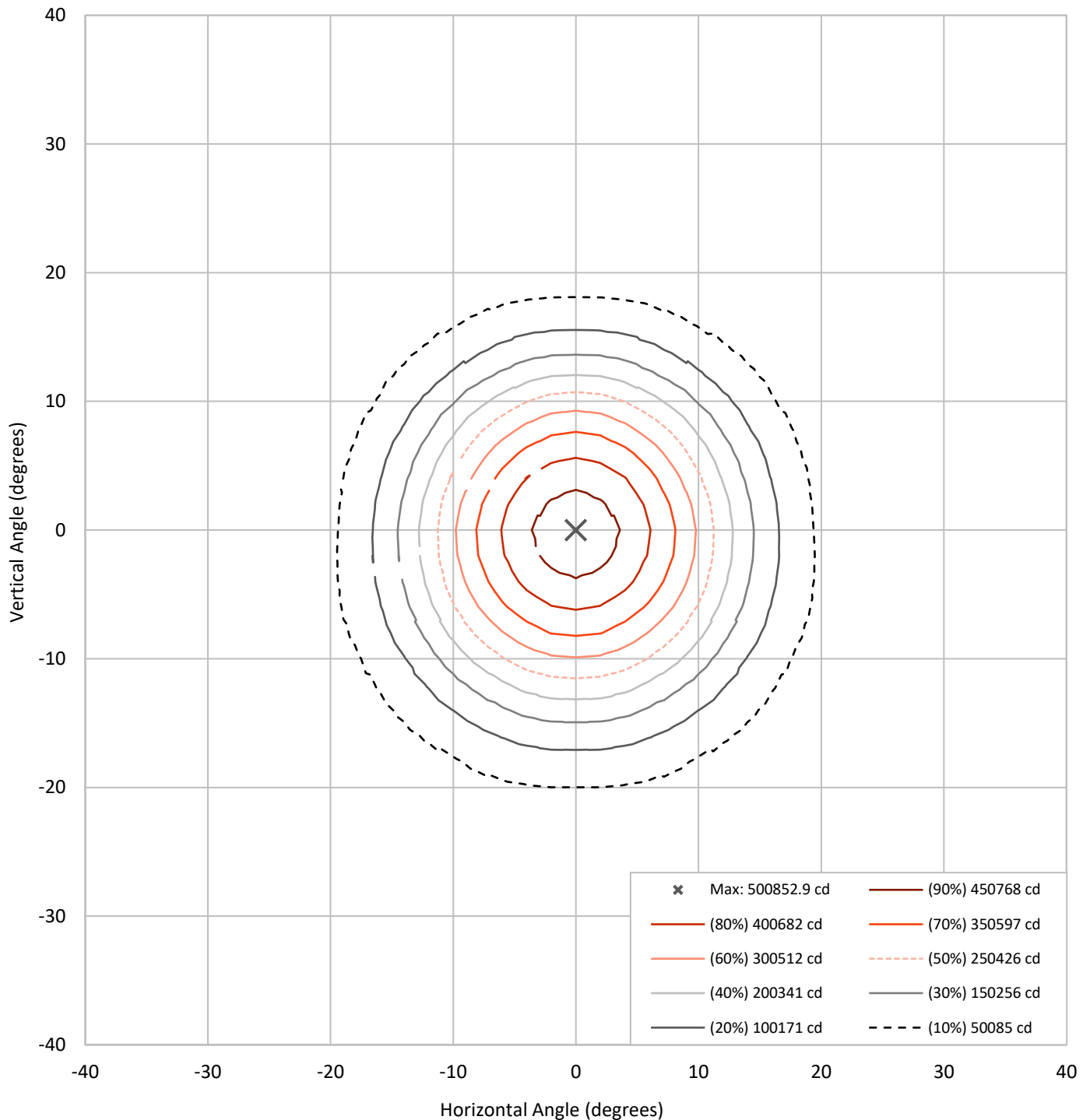
Test Method: LM-79-08
Report Number: P1305600 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-2S-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	87541.6 lumens	Max Intensity:	500852.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	40906.8 lumens	Field Lumens:	72874.5 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
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





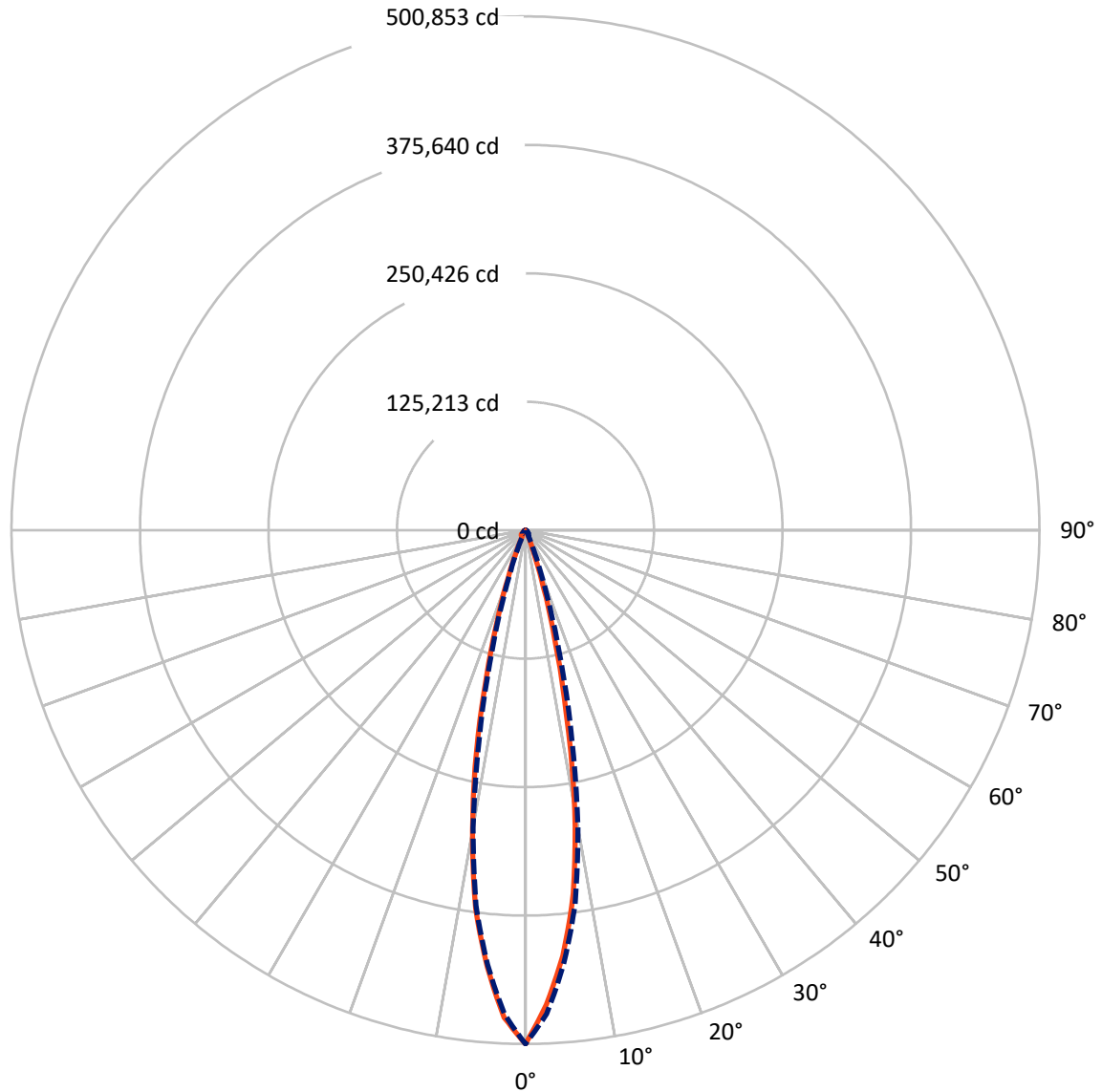
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Lumen Table

90	0.2	0.7	1.3	1.9	2.3	1.9	1.3	0.7	0.2										
80	0.2	0.7	1.3	1.9	2.3	1.9	1.3	0.7	0.2										
70	0.2	0.1	0.2	0.6	0.8	0.8	0.7	0.8	0.8	0.7	0.8	0.8	0.6	0.2	0.1	0.2			
60		0.3	0.7	1.0	0.8	0.8	0.9	1.0	1.0	0.9	0.8	0.8	1.0	0.7	0.3				
50	0.7	1.1	2.6	5.2	9.2	15.1	23.1	27.2	27.2	23.1	15.1	9.2	5.2	2.6	1.1	0.7			
40		2.7	8.6	16.7	32.6	56.7	69.0	76.4	76.4	69.0	56.7	32.6	16.7	8.6	2.7				
30	1.7	4.7	14.3	30.4	74.4	86.5	119.4	218.1	218.1	119.4	86.5	74.4	30.4	14.3	4.7	1.7			
20		6.3	18.6	53.3	104.9	154.1	977.5	3152.8	3152.8	977.5	154.1	104.9	53.3	18.6	6.3				
10	2.5	7.5	21.5	69.7	120.1	344.5	3462.9	10410.1	10410.1	3462.9	344.5	120.1	69.7	21.5	7.5	2.5			
0		8.3	23.7	73.5	132.2	395.1	3771.4	10826.1	10826.1	3771.4	395.1	132.2	73.5	23.7	8.3				
-10	2.7	8.4	24.7	70.9	139.1	226.1	1382.2	4049.1	4049.1	1382.2	226.1	139.1	70.9	24.7	8.4	2.7			
-20		7.7	24.2	54.2	131.1	179.8	249.8	499.6	499.6	249.8	179.8	131.1	54.2	24.2	7.7				
-30	2.3	6.6	21.2	42.4	91.7	161.5	189.1	198.3	198.3	189.1	161.5	91.7	42.4	21.2	6.6	2.3			
-40		5.0	16.1	34.3	54.7	84.1	127.9	160.5	160.5	127.9	84.1	54.7	34.3	16.1	5.0				
-50	1.8	3.3	10.2	22.5	38.3	51.8	61.8	68.3	68.3	61.8	51.8	38.3	22.5	10.2	3.3	1.8			
-60		2.2	5.2	11.3	19.5	27.4	34.5	38.8	38.8	34.5	27.4	19.5	11.3	5.2	2.2				
-70	1.3	8.0	19.4	32.5	39.7	32.5	19.4	8.0	1.3							1.3			
-80		1.3	8.0	19.4	32.5	39.7	32.5	19.4	8.0	1.3									
-90	1.3	8.0	19.4	32.5	39.7	32.5	19.4	8.0	1.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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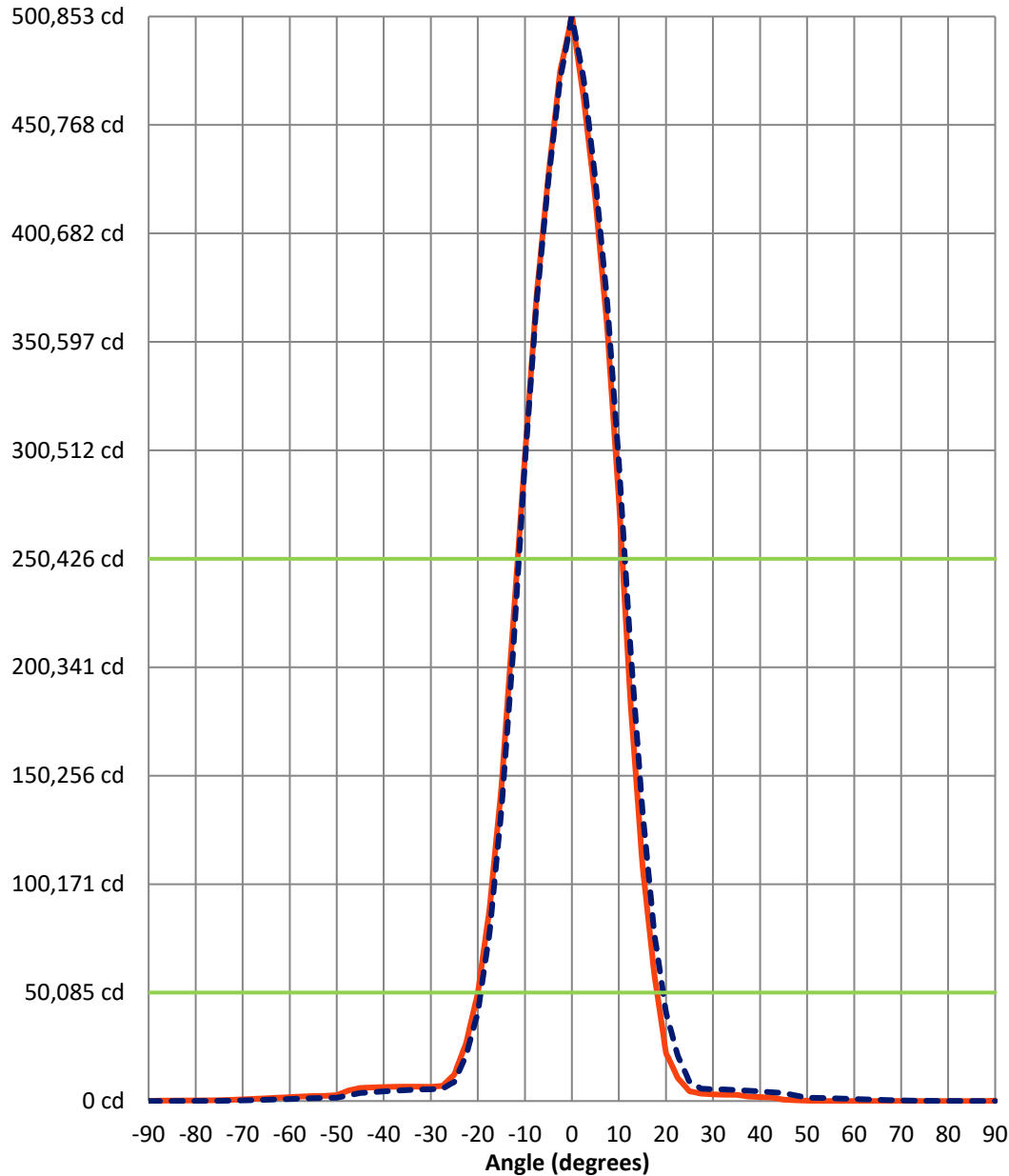
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.5°
V Angle: 22.2°
Lumens: 40906.8
Efficiency: 46.7%

Field:
H Angle: 38.8°
V Angle: 38.1°
Lumens: 72874.5
Efficiency: 83.2%

Spill:
Lumens: 14667.1
Efficiency: 16.8%

— 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°	5.1	10.7	16.4	28.1	39.9	50.1	60.3	68.0	75.6	81.8	87.9
87.5°	5.1	5.2	5.3	5.3	5.3	5.3	5.4	5.3	5.1	5.1	5.1
85°	5.1	5.4	5.5	5.5	5.4	5.5	5.6	5.4	5.1	5.1	5.1
82.5°	5.1	5.5	5.7	5.7	5.6	5.7	5.9	5.6	5.2	5.3	5.4
80°	5.1	5.6	5.8	5.9	5.8	6.0	6.1	6.0	5.9	5.9	5.8
77.5°	5.1	5.8	6.0	6.1	6.0	6.2	6.4	6.4	6.6	6.6	6.3
75°	5.1	5.9	6.2	6.3	6.2	6.6	6.7	6.9	7.2	7.1	6.8
72.5°	5.1	6.0	6.4	6.6	6.6	6.9	7.1	7.3	7.6	7.5	7.3
70°	5.1	6.2	6.6	6.8	7.0	7.3	7.4	7.8	8.0	8.0	7.9
67.5°	5.1	6.3	6.8	7.1	7.4	7.7	8.0	8.3	8.5	8.7	8.5
65°	5.1	6.4	7.0	7.3	7.7	8.2	8.6	8.9	9.5	9.4	9.4
62.5°	5.1	6.6	7.2	7.6	8.1	8.8	9.3	10.0	10.7	10.5	11.0
60°	5.1	6.7	7.5	7.9	8.4	9.4	9.9	11.4	12.0	12.6	12.8
57.5°	5.1	6.8	7.7	8.1	9.1	10.0	11.6	13.0	14.5	15.2	17.1
55°	5.1	7.0	8.0	8.4	9.8	10.6	13.5	14.9	17.5	18.9	23.0
52.5°	5.1	7.1	8.4	8.7	10.6	11.5	15.5	18.1	20.7	26.0	29.4
50°	5.1	7.2	8.7	8.9	11.4	13.7	17.7	21.6	25.4	33.8	42.1
47.5°	5.1	7.4	9.1	9.3	12.3	15.9	20.2	25.2	33.3	42.3	57.1
45°	5.1	7.5	9.5	10.0	13.2	18.3	23.4	28.9	41.9	57.4	73.6
42.5°	5.1	7.6	9.9	10.7	14.2	20.7	26.8	35.3	51.2	73.7	100.1
40°	5.1	7.7	10.3	11.7	15.7	23.1	30.3	43.7	63.1	91.1	130.1
37.5°	5.1	7.9	10.8	12.9	17.6	25.7	34.1	52.4	80.0	113.5	162.2
35°	5.1	8.0	11.3	14.2	19.5	28.6	38.0	61.4	97.8	143.6	198.3
32.5°	5.1	8.1	11.8	15.5	21.5	31.7	43.1	70.7	116.3	174.1	236.5
30°	5.1	8.2	12.3	16.8	23.4	34.8	50.7	81.5	135.5	204.9	272.9
27.5°	5.1	8.3	12.8	18.2	25.9	37.9	58.2	95.7	155.3	236.0	307.4
25°	5.1	8.4	13.3	19.6	28.3	41.0	65.5	109.1	176.0	265.4	340.2
22.5°	5.1	8.5	13.9	21.0	30.7	44.1	72.7	121.7	195.1	285.4	375.6
20°	5.1	8.6	14.4	22.4	33.0	47.4	79.7	133.5	212.5	303.9	403.2
17.5°	5.1	8.7	15.0	23.8	35.2	50.6	86.1	144.4	228.2	320.9	429.4
15°	5.1	8.8	15.5	25.2	37.4	53.7	91.9	154.1	242.3	336.3	454.5
12.5°	5.1	8.9	16.0	26.5	39.4	56.5	97.1	162.3	255.6	350.1	478.2
10°	5.1	9.0	16.6	27.9	41.3	59.3	101.8	169.6	268.3	367.2	502.7
7.5°	5.1	9.0	17.1	29.2	43.2	61.9	106.1	175.9	279.6	383.8	530.6
5°	5.1	9.1	17.5	30.4	44.9	64.3	109.7	181.3	289.6	399.0	556.2
2.5°	5.1	9.2	18.0	31.6	46.5	66.5	112.9	185.7	297.9	412.6	579.2
0°	5.1	9.2	18.4	32.7	48.0	68.5	115.5	189.1	304.6	424.2	599.0
-2.5°	5.1	9.6	19.4	34.1	50.1	71.3	119.2	196.0	313.9	436.4	609.4
-5°	5.1	10.0	20.3	35.5	52.1	74.0	122.3	201.7	321.3	446.4	616.4
-7.5°	5.1	10.4	21.2	36.8	53.9	76.4	124.8	206.2	326.6	453.9	620.1
-10°	5.1	10.7	22.0	37.9	55.6	78.6	126.7	209.3	329.8	459.0	620.7
-12.5°	5.1	11.1	22.8	39.0	57.2	80.5	128.0	210.9	330.8	461.0	620.0
-15°	5.1	11.4	23.5	40.0	58.6	82.2	128.7	210.9	328.4	457.3	615.7
-17.5°	5.1	11.7	24.2	40.9	59.8	83.6	128.7	208.7	322.3	450.9	606.6
-20°	5.1	12.0	24.8	41.7	60.9	84.8	128.1	204.8	314.2	441.8	592.4



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.1	12.3	25.4	42.4	61.8	85.6	127.2	199.4	304.0	429.8	573.5
-25°	5.1	12.6	25.9	43.0	62.5	86.4	125.4	192.8	291.8	415.1	555.0
-27.5°	5.1	12.8	26.3	43.5	63.0	87.0	122.9	184.8	277.6	403.0	542.0
-30°	5.1	13.0	26.6	43.9	63.4	87.2	119.7	175.4	266.3	389.4	525.7
-32.5°	5.1	13.2	26.9	44.2	63.9	87.2	115.7	169.5	256.7	372.8	505.9
-35°	5.1	13.4	27.1	44.3	64.2	87.0	114.1	164.5	244.8	353.2	482.6
-37.5°	5.1	13.5	27.3	44.4	64.3	86.6	113.4	158.8	230.6	330.7	457.3
-40°	5.1	13.6	27.3	44.4	64.3	86.6	112.4	151.7	213.9	310.4	428.8
-42.5°	5.1	13.7	27.3	44.3	64.3	86.3	111.1	143.2	201.3	288.6	396.5
-45°	5.1	13.8	27.2	44.3	64.2	85.9	109.3	136.7	190.0	263.9	361.7
-47.5°	5.1	13.8	27.1	44.1	64.0	85.2	107.1	134.1	177.0	236.7	330.5
-50°	5.1	13.8	26.8	43.9	63.6	84.3	105.7	131.0	162.3	219.8	296.0
-52.5°	5.1	13.8	26.5	43.6	63.0	83.2	104.2	127.4	154.6	201.2	259.3
-55°	5.1	13.7	26.1	43.2	62.3	82.0	102.4	123.5	149.7	180.9	234.7
-57.5°	5.1	13.7	25.7	42.6	61.4	80.7	100.3	121.1	144.3	171.2	208.7
-60°	5.1	13.6	25.1	41.9	60.4	79.1	98.0	118.2	138.8	164.1	187.5
-62.5°	5.1	13.5	24.7	41.1	59.2	77.3	95.6	115.0	134.8	156.1	177.8
-65°	5.1	13.3	24.2	40.2	57.8	75.2	92.9	111.4	130.3	149.4	167.6
-67.5°	5.1	13.1	23.7	39.1	56.3	73.0	89.9	107.6	125.4	143.0	159.2
-70°	5.1	13.0	23.1	38.0	54.7	70.6	86.7	103.5	120.6	136.2	151.3
-72.5°	5.1	12.7	22.4	37.0	52.9	68.0	83.3	99.2	115.5	129.8	143.2
-75°	5.1	12.5	21.7	36.0	50.9	65.3	79.8	94.7	110.2	123.1	135.4
-77.5°	5.1	12.3	20.9	34.9	49.3	62.4	76.1	90.0	104.4	116.1	127.4
-80°	5.1	12.0	20.1	33.7	47.6	59.9	72.2	85.0	98.2	108.6	118.8
-82.5°	5.1	11.7	19.2	32.4	45.8	57.6	69.3	80.3	91.9	100.8	109.8
-85°	5.1	11.4	18.3	31.1	44.0	55.2	66.4	76.3	86.6	94.1	101.5
-87.5°	5.1	11.1	17.4	29.6	42.0	52.7	63.4	72.2	81.1	88.0	94.8
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1



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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	92.5	97.1	101.2	105.3	109.9	114.5	119.6	124.7	129.8	134.9	139.0
87.5°	4.8	4.6	4.6	4.7	4.4	4.1	4.1	4.1	3.6	3.1	3.1
85°	5.1	5.1	5.1	5.1	4.7	4.4	4.3	4.1	3.8	3.6	3.7
82.5°	5.5	5.6	5.4	5.1	5.0	5.0	4.7	4.3	4.3	4.4	4.3
80°	5.9	6.1	5.7	5.4	5.3	5.1	5.0	4.9	5.0	5.1	4.8
77.5°	6.3	6.2	6.0	6.0	5.7	5.4	5.5	5.6	5.5	5.2	5.1
75°	6.6	6.3	6.2	6.2	6.0	6.0	6.1	6.1	5.9	5.8	5.6
72.5°	7.1	6.8	6.7	6.4	6.3	6.2	6.1	6.1	7.1	8.5	9.6
70°	7.6	7.4	7.2	7.0	6.8	6.8	8.0	10.3	12.9	14.9	17.5
67.5°	8.2	8.2	7.8	7.8	8.3	9.5	11.3	18.1	24.9	27.3	28.6
65°	9.1	9.0	8.9	9.6	10.1	15.3	22.1	30.0	38.5	40.1	38.5
62.5°	10.3	11.4	11.1	12.8	17.5	23.8	32.3	41.5	51.1	48.9	40.8
60°	14.1	14.8	16.4	20.4	25.7	32.8	42.3	46.2	50.2	51.0	39.6
57.5°	19.0	21.1	25.0	29.1	36.2	40.1	41.5	41.6	47.4	47.8	36.3
55°	26.4	30.0	35.9	40.8	45.3	40.9	40.9	44.7	46.6	43.1	32.3
52.5°	38.1	41.9	51.0	54.7	52.3	48.6	47.7	51.0	49.1	43.9	37.3
50°	51.0	61.9	67.9	70.9	65.1	64.5	59.2	62.3	64.1	61.3	64.1
47.5°	71.7	85.0	89.9	94.3	89.7	94.7	89.7	104.3	104.6	140.6	144.8
45°	96.9	114.8	120.6	131.0	139.0	143.6	172.0	173.9	250.4	280.4	344.8
42.5°	126.5	149.9	170.2	175.4	223.6	246.6	286.9	360.7	431.2	491.9	526.3
40°	164.4	189.3	231.9	279.4	334.1	388.1	448.1	534.7	609.3	642.0	659.4
37.5°	206.0	253.9	310.5	390.0	471.4	533.4	604.7	686.1	735.7	753.0	757.0
35°	250.6	319.7	414.5	498.0	585.2	668.3	734.9	812.8	829.4	843.2	919.9
32.5°	304.9	385.4	497.2	591.0	679.2	774.5	841.9	887.9	914.4	965.1	1214.8
30°	359.4	453.7	564.4	664.0	767.0	857.5	921.7	966.4	996.8	1235.7	1754.4
27.5°	404.1	512.5	622.5	738.2	852.0	942.8	1004.5	1045.2	1221.6	1617.6	2416.5
25°	444.7	558.7	680.7	820.2	939.9	1024.0	1087.2	1127.4	1522.0	2330.8	2884.8
22.5°	482.8	603.4	746.4	906.8	1027.3	1098.8	1159.5	1378.0	1975.6	3053.5	3351.4
20°	520.0	657.0	817.8	980.3	1109.3	1162.3	1226.0	1659.0	2559.1	3331.6	3658.0
17.5°	558.5	712.1	885.1	1036.7	1152.1	1218.8	1321.0	1931.5	3051.6	3575.1	3811.2
15°	597.1	764.1	939.9	1086.4	1194.2	1274.3	1538.3	2321.9	3356.8	3842.7	4065.1
12.5°	634.9	809.5	981.1	1128.9	1238.2	1326.8	1737.1	2725.5	3632.6	4105.5	4399.9
10°	671.2	848.8	1016.4	1170.1	1281.4	1377.8	1937.9	3120.1	3881.6	4276.9	4523.7
7.5°	703.0	880.9	1046.9	1209.5	1321.7	1427.9	2158.0	3381.9	3987.5	4385.7	4586.3
5°	730.1	906.3	1077.7	1253.4	1363.6	1474.0	2358.0	3554.5	4027.8	4452.9	4651.9
2.5°	752.9	926.7	1104.4	1294.7	1404.8	1513.0	2498.2	3663.9	4055.2	4478.6	4716.3
0°	771.7	942.5	1126.4	1330.9	1442.3	1547.6	2602.5	3716.7	4064.2	4469.0	4776.7
-2.5°	783.8	965.6	1167.2	1365.8	1473.1	1576.6	2598.2	3747.7	4075.3	4520.6	5010.3
-5°	792.0	983.6	1201.5	1395.3	1500.9	1602.2	2553.8	3725.0	4099.9	4599.1	5162.9
-7.5°	796.1	995.7	1227.9	1419.1	1527.3	1630.7	2498.9	3672.6	4226.0	4760.4	5258.7
-10°	797.4	1002.8	1233.2	1430.5	1551.6	1658.9	2408.3	3562.5	4325.4	4828.0	5286.6
-12.5°	802.7	1006.2	1230.4	1435.2	1572.4	1684.6	2296.5	3489.6	4459.2	4869.6	5276.5
-15°	802.2	1004.9	1222.2	1433.8	1597.8	1719.0	2147.8	3317.5	4540.7	4879.0	5249.3
-17.5°	795.5	999.1	1209.6	1428.9	1621.9	1744.8	1938.0	2963.3	4307.8	4837.7	5217.2
-20°	782.1	986.6	1192.0	1413.5	1635.3	1768.6	1913.0	2653.1	3828.5	4728.3	5156.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	763.0	968.3	1170.3	1387.5	1628.9	1795.6	1930.4	2351.5	3355.1	4566.2	5058.6
-25°	740.6	942.6	1145.3	1373.5	1619.6	1821.4	1934.0	2071.2	2943.3	4029.3	4889.7
-27.5°	715.8	911.0	1117.8	1343.7	1604.9	1816.8	1932.5	2062.0	2504.7	3368.9	4620.6
-30°	687.1	875.4	1079.8	1300.4	1553.2	1767.9	1927.9	2035.0	2170.3	2850.9	3918.4
-32.5°	655.3	835.3	1034.6	1251.5	1486.6	1713.3	1901.3	2013.4	2132.1	2365.2	3225.6
-35°	624.1	796.4	984.8	1195.1	1418.7	1639.2	1831.5	1990.8	2090.4	2221.4	2614.1
-37.5°	595.2	752.9	930.1	1133.6	1349.8	1547.0	1755.2	1927.7	2064.1	2159.1	2317.9
-40°	561.7	704.2	874.2	1064.6	1258.8	1446.6	1644.6	1838.6	2006.2	2131.3	2226.0
-42.5°	524.1	660.3	814.0	983.2	1162.7	1341.4	1528.6	1720.8	1904.7	2069.6	2187.0
-45°	483.3	611.3	749.6	903.2	1062.5	1232.8	1411.0	1593.0	1775.5	1957.4	2102.1
-47.5°	436.1	557.3	688.6	817.7	964.7	1121.1	1286.7	1457.8	1626.6	1802.1	1968.8
-50°	387.0	499.1	618.9	738.1	865.6	1007.0	1158.7	1318.5	1478.6	1640.7	1801.3
-52.5°	342.5	435.5	546.0	658.4	771.0	891.9	1029.2	1174.9	1326.0	1478.9	1619.4
-55°	294.9	378.7	469.4	574.7	680.4	785.5	897.1	1029.0	1165.8	1307.7	1433.7
-57.5°	258.3	321.4	399.6	486.7	585.0	684.6	782.4	881.5	1003.8	1129.8	1235.8
-60°	228.0	273.5	333.4	407.0	485.2	577.2	669.3	761.3	855.8	946.1	1044.0
-62.5°	200.1	237.3	279.5	330.8	398.8	469.8	551.5	636.3	722.8	800.7	872.6
-65°	188.2	206.0	237.7	276.0	315.0	375.7	441.1	507.8	583.0	651.9	716.7
-67.5°	175.5	192.0	208.5	228.7	263.6	299.5	335.7	394.6	453.5	506.8	559.7
-70°	165.4	178.0	192.6	207.4	222.4	243.1	275.3	308.6	342.0	378.8	423.5
-72.5°	155.4	166.8	178.4	189.9	203.4	217.6	232.3	247.4	270.5	298.9	324.5
-75°	145.9	155.3	165.7	176.3	187.0	197.8	209.7	223.7	237.5	251.3	264.2
-77.5°	136.7	145.3	153.9	162.9	172.1	181.8	192.2	203.2	214.6	225.9	235.9
-80°	127.0	135.1	142.6	150.1	158.4	166.7	175.5	184.5	194.5	204.8	213.9
-82.5°	116.5	123.3	130.1	136.8	144.4	152.0	159.5	167.1	175.3	183.7	191.1
-85°	106.5	111.3	117.1	123.0	129.8	136.6	143.0	149.4	156.5	163.6	169.4
-87.5°	99.5	104.2	108.8	113.5	118.9	124.3	129.5	134.8	140.7	146.6	151.1
-90°	4.6	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.1	3.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	143.1	146.2	149.2	150.8	152.3	155.4	158.4	163.0	167.6	172.8	177.9
87.5°	3.1	3.1	3.1	3.0	3.0	2.5	2.0	2.0	2.0	2.0	2.0
85°	3.7	3.8	3.8	3.5	3.1	3.0	3.0	3.0	3.0	2.5	2.0
82.5°	4.1	4.1	4.1	3.9	3.8	3.5	3.1	3.1	3.1	3.1	3.1
80°	4.4	4.3	4.1	4.1	4.1	4.0	3.9	3.5	3.1	3.5	4.0
77.5°	5.1	4.8	4.5	4.4	4.2	3.9	3.5	3.2	3.1	3.2	3.2
75°	5.3	5.4	6.1	6.2	6.1	5.5	4.7	4.5	4.7	4.5	4.1
72.5°	10.4	10.9	11.3	12.2	12.7	13.3	14.5	16.5	18.8	21.0	23.1
70°	20.9	23.8	24.4	24.5	24.4	25.2	26.3	27.6	29.1	30.5	31.7
67.5°	32.2	34.7	35.1	35.6	34.7	33.2	31.9	31.9	33.7	35.9	38.3
65°	39.3	36.7	34.7	34.3	33.6	31.9	29.3	27.4	26.9	26.5	26.5
62.5°	35.3	30.2	28.4	28.0	26.4	24.5	20.9	17.9	16.4	15.6	15.6
60°	30.6	24.6	20.9	19.3	16.8	14.3	12.1	9.9	9.2	9.0	9.1
57.5°	25.1	18.7	14.4	13.8	11.8	9.4	7.7	6.1	5.9	5.9	6.2
55°	23.0	19.7	16.5	15.4	13.1	12.0	10.4	8.2	7.7	8.3	9.1
52.5°	29.9	28.1	26.6	26.7	29.4	27.3	20.3	28.5	33.1	33.1	31.7
50°	65.7	59.0	84.3	81.1	101.3	114.9	104.3	117.1	135.4	148.3	157.2
47.5°	187.4	194.2	224.4	250.5	271.6	295.2	319.1	333.6	337.2	361.1	377.5
45°	377.2	399.9	433.4	450.4	483.6	522.8	550.3	562.7	635.0	724.8	782.9
42.5°	547.5	565.0	591.4	651.2	712.0	846.3	1000.5	1005.9	1145.2	1268.6	1394.8
40°	666.6	699.5	793.4	935.4	1263.3	1519.1	1701.1	1879.6	1909.4	1851.4	1883.0
37.5°	820.8	938.2	1176.1	1559.3	1843.1	2100.0	2203.4	2216.9	2252.9	2275.5	2239.6
35°	1111.4	1502.7	1700.0	2025.8	2232.2	2282.3	2313.6	2344.4	2373.9	2394.1	2416.0
32.5°	1747.7	2232.5	2258.5	2342.3	2380.8	2425.3	2458.4	2477.7	2491.1	2508.8	2568.7
30°	2431.8	2544.6	2554.0	2547.4	2560.6	2590.5	2612.2	2647.5	2682.7	2723.3	2856.0
27.5°	2751.1	2837.6	2810.7	2764.6	2741.7	2765.5	2824.6	2879.5	2981.8	3089.4	3279.9
25°	3104.7	3162.0	3129.1	3047.2	2995.9	3029.7	3118.4	3223.3	3418.8	3591.3	3941.7
22.5°	3483.3	3589.8	3555.4	3531.0	3422.9	3439.1	3509.0	3745.5	4234.8	5009.4	6617.8
20°	3777.0	3907.2	3923.6	3924.2	3901.4	3908.1	4070.7	4833.4	6263.9	10758.9	14743.8
17.5°	3994.7	4071.0	4162.7	4200.3	4244.9	4374.9	5242.2	7880.5	14058.0	22325.7	28656.7
15°	4276.9	4374.5	4473.9	4536.8	4637.5	5352.8	7570.4	15673.3	26906.9	40939.3	58875.2
12.5°	4502.8	4623.2	4702.0	4751.8	4984.0	6865.8	14581.5	26246.4	43773.5	65548.3	97850.3
10°	4627.8	4721.7	4829.2	5001.8	5948.8	9959.1	20563.0	36882.9	63825.8	103047.8	146071.1
7.5°	4690.0	4811.5	4991.3	5253.6	7041.0	14538.5	28607.0	52060.2	88860.4	137699.5	197645.9
5°	4762.4	4987.0	5201.2	5501.4	7889.0	17845.0	35001.2	65004.8	110687.8	170433.0	244467.2
2.5°	4879.4	5217.3	5355.3	5643.7	8400.1	19973.5	38814.1	75129.3	126986.9	197144.5	280265.7
0°	5063.9	5345.0	5427.8	5718.1	8914.4	21026.3	41053.9	77905.6	134247.3	207546.9	294364.9
-2.5°	5272.4	5447.9	5539.7	5863.3	9172.7	22100.3	42816.1	79771.0	132518.2	204081.7	289068.0
-5°	5408.3	5547.8	5636.6	5952.9	9144.4	21026.3	40847.1	74286.4	122409.1	186416.8	262400.5
-7.5°	5500.9	5646.0	5739.1	6028.9	8603.8	18171.0	36078.1	64033.9	104026.6	156521.2	222152.1
-10°	5591.4	5749.8	5871.8	6100.7	7615.0	13871.6	28317.3	48308.9	81355.3	123122.8	172193.1
-12.5°	5672.9	5868.7	6025.6	6131.0	6686.2	10550.9	20809.8	36951.0	58558.8	89737.7	125645.8
-15°	5714.2	5948.4	6124.0	6240.2	6562.2	8342.7	13475.4	24451.1	40883.4	60222.9	83588.5
-17.5°	5643.0	5992.4	6161.4	6289.4	6395.2	6852.8	9505.4	15009.0	25272.3	37941.3	49355.3
-20°	5529.9	5997.3	6188.6	6360.9	6481.3	6605.9	6943.8	9558.3	13733.6	21505.9	29113.2



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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°	5434.3	5868.8	6268.4	6454.5	6593.0	6602.1	6612.5	6927.3	8557.5	11176.2	15200.4
-25°	5368.0	5779.2	6244.1	6532.4	6628.3	6631.7	6579.4	6520.9	6705.8	6891.6	8362.0
-27.5°	5255.9	5701.9	6138.8	6490.4	6632.5	6627.7	6588.0	6548.9	6484.9	6443.1	6601.8
-30°	5118.7	5566.8	5973.7	6327.2	6537.9	6602.7	6575.6	6546.5	6526.7	6512.8	6484.4
-32.5°	4387.5	5401.0	5743.7	6064.5	6365.1	6496.8	6555.5	6541.8	6524.1	6516.4	6521.5
-35°	3583.8	4630.1	5520.0	5748.7	6009.5	6271.6	6456.5	6498.3	6516.9	6513.6	6521.7
-37.5°	2747.9	3690.6	4564.8	5295.6	5609.7	5882.2	6150.9	6328.9	6435.8	6454.2	6479.4
-40°	2368.3	2634.9	3463.1	4197.6	4808.6	5371.2	5655.7	5963.4	6203.5	6300.0	6350.8
-42.5°	2268.0	2373.9	2482.7	3021.3	3654.0	4190.2	4721.6	5249.7	5687.9	5935.9	6097.3
-45°	2224.2	2283.3	2346.1	2432.8	2510.5	2963.4	3451.2	3965.8	4541.9	4972.2	5373.0
-47.5°	2096.9	2215.8	2275.7	2312.5	2339.9	2399.7	2453.1	2598.1	3077.6	3454.6	3872.8
-50°	1928.4	2049.3	2147.3	2234.5	2264.3	2278.1	2294.2	2342.4	2418.9	2474.6	2558.9
-52.5°	1733.5	1846.9	1956.1	2049.4	2116.1	2173.5	2228.3	2266.3	2297.3	2329.6	2360.0
-55°	1547.1	1643.7	1737.3	1824.9	1904.4	1970.7	2035.9	2097.8	2156.1	2210.8	2261.9
-57.5°	1342.7	1439.1	1525.3	1603.9	1671.6	1726.8	1791.2	1859.5	1923.6	1980.4	2035.8
-60°	1136.3	1224.1	1306.5	1380.8	1442.9	1491.6	1554.2	1615.5	1674.0	1726.9	1773.4
-62.5°	942.3	1017.3	1088.2	1153.9	1212.6	1265.0	1317.4	1369.9	1425.3	1474.8	1518.5
-65°	778.4	838.3	888.6	935.4	974.9	1022.2	1072.7	1119.7	1168.5	1214.3	1256.2
-67.5°	613.7	664.4	706.7	747.1	780.2	813.4	851.0	886.7	921.2	956.8	991.6
-70°	463.1	498.8	525.5	553.3	585.7	616.1	646.3	676.7	705.4	736.7	769.0
-72.5°	345.6	362.9	380.5	403.0	422.4	444.4	466.1	489.5	513.2	535.9	557.1
-75°	276.6	287.7	301.0	311.9	320.3	331.0	343.1	357.7	372.5	387.3	401.2
-77.5°	246.1	253.7	259.8	264.5	268.6	274.0	279.6	289.9	301.0	313.3	325.8
-80°	222.5	227.4	231.6	235.0	238.1	242.7	247.2	256.2	265.7	274.9	283.8
-82.5°	198.5	202.6	206.0	209.1	211.9	216.2	220.5	227.7	234.9	243.9	252.8
-85°	175.2	178.8	182.1	184.9	187.5	190.9	194.3	200.9	207.6	214.7	221.8
-87.5°	155.6	158.6	161.6	163.9	166.1	169.0	171.8	177.1	182.4	188.2	193.9
-90°	3.1	3.1	3.1	2.6	2.0	2.0	2.0	2.0	2.0	1.5	1.0



REPORT NUMBER: P1305600 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	178.4	178.9	178.9	178.9	178.9	178.9	178.4	177.9	172.8	167.6	163.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0
82.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.5	3.1	3.5
77.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.1	3.2
75°	3.6	3.1	3.1	3.1	3.1	3.1	3.6	4.1	4.5	4.7	4.5
72.5°	25.0	26.8	27.9	28.6	27.9	26.8	25.0	23.1	21.0	18.8	16.5
70°	32.3	32.5	32.7	32.7	32.7	32.5	32.3	31.7	30.5	29.1	27.6
67.5°	39.7	40.5	40.8	40.9	40.8	40.5	39.7	38.3	35.9	33.7	31.9
65°	25.3	23.4	21.8	20.4	21.8	23.4	25.3	26.5	26.5	26.9	27.4
62.5°	15.3	14.7	14.4	14.3	14.4	14.7	15.3	15.6	15.6	16.4	17.9
60°	9.1	9.3	8.8	8.2	8.8	9.3	9.1	9.1	9.0	9.2	9.9
57.5°	6.6	7.1	7.6	8.2	7.6	7.1	6.6	6.2	5.9	5.9	6.1
55°	9.8	10.7	11.6	12.3	11.6	10.7	9.8	9.1	8.3	7.7	8.2
52.5°	28.5	25.6	24.7	25.6	24.7	25.6	28.5	31.7	33.1	33.1	28.5
50°	161.8	165.1	169.1	173.8	169.1	165.1	161.8	157.2	148.3	135.4	117.1
47.5°	382.2	374.9	368.1	365.9	368.1	374.9	382.2	377.5	361.1	337.2	333.6
45°	724.6	671.3	644.1	660.3	644.1	671.3	724.6	782.9	724.8	635.0	562.7
42.5°	1462.5	1541.4	1603.1	1632.4	1603.1	1541.4	1462.5	1394.8	1268.6	1145.2	1005.9
40°	1833.6	1803.9	1819.8	1844.0	1819.8	1803.9	1833.6	1883.0	1851.4	1909.4	1879.6
37.5°	2257.2	2267.0	2195.7	2079.1	2195.7	2267.0	2257.2	2239.6	2275.5	2252.9	2216.9
35°	2462.6	2589.7	2827.6	2884.6	2827.6	2589.7	2462.6	2416.0	2394.1	2373.9	2344.4
32.5°	2719.9	2851.8	2892.2	2908.1	2892.2	2851.8	2719.9	2568.7	2508.8	2491.1	2477.7
30°	3027.2	3086.8	3071.8	3094.1	3071.8	3086.8	3027.2	2856.0	2723.3	2682.7	2647.5
27.5°	3364.0	3398.8	3387.5	3417.2	3387.5	3398.8	3364.0	3279.9	3089.4	2981.8	2879.5
25°	4233.4	4508.1	4493.7	4557.9	4493.7	4508.1	4233.4	3941.7	3591.3	3418.8	3223.3
22.5°	8575.8	9546.8	10128.2	10691.0	10128.2	9546.8	8575.8	6617.8	5009.4	4234.8	3745.5
20°	19161.4	21959.7	22568.9	22346.9	22568.9	21959.7	19161.4	14743.8	10758.9	6263.9	4833.4
17.5°	41130.6	52295.7	58290.7	58957.4	58290.7	52295.7	41130.6	28656.7	22325.7	14058.0	7880.5
15°	77405.2	96919.2	107998.8	109162.9	107998.8	96919.2	77405.2	58875.2	40939.3	26906.9	15673.3
12.5°	126538.7	157614.9	180428.5	182973.7	180428.5	157614.9	126538.7	97850.3	65548.3	43773.5	26246.4
10°	193840.4	235855.2	269079.0	277172.8	269079.0	235855.2	193840.4	146071.1	103047.8	63825.8	36882.9
7.5°	261014.2	308961.7	348063.8	357263.9	348063.8	308961.7	261014.2	197645.9	137699.5	88860.4	52060.2
5°	313526.2	374874.0	406078.2	416387.9	406078.2	374874.0	313526.2	244467.2	170433.0	110687.8	65004.8
2.5°	353553.3	411480.4	448113.2	463143.1	448113.2	411480.4	353553.3	280265.7	197144.5	126986.9	75129.3
0°	369004.6	425194.0	471843.9	500852.9	471843.9	425194.0	369004.6	294364.9	207546.9	134247.3	77905.6
-2.5°	362948.0	417048.6	456695.3	475513.0	456695.3	417048.6	362948.0	289068.0	204081.7	132518.2	79771.0
-5°	332329.5	386926.8	417580.6	427290.5	417580.6	386926.8	332329.5	262400.5	186416.8	122409.1	74286.4
-7.5°	281019.7	329077.5	365424.7	371939.9	365424.7	329077.5	281019.7	222152.1	156521.2	104026.6	64033.9
-10°	222725.2	264327.5	292055.6	297300.6	292055.6	264327.5	222725.2	172193.1	123122.8	81355.3	48308.9
-12.5°	157878.9	194422.2	216344.9	220390.1	216344.9	194422.2	157878.9	125645.8	89737.7	58558.8	36951.0
-15°	107286.6	130048.7	143335.9	144677.6	143335.9	130048.7	107286.6	83588.5	60222.9	40883.4	24451.1
-17.5°	67129.3	80668.8	88950.2	89026.9	88950.2	80668.8	67129.3	49355.3	37941.3	25272.3	15009.0
-20°	38863.9	45324.9	49958.1	49938.7	49958.1	45324.9	38863.9	29113.2	21505.9	13733.6	9558.3



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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°	20248.6	24088.6	26882.3	26754.6	26882.3	24088.6	20248.6	15200.4	11176.2	8557.5	6927.3
-25°	9943.0	11413.1	12391.6	12315.2	12391.6	11413.1	9943.0	8362.0	6891.6	6705.8	6520.9
-27.5°	6738.3	6900.0	7011.8	7023.4	7011.8	6900.0	6738.3	6601.8	6443.1	6484.9	6548.9
-30°	6473.4	6510.4	6549.4	6559.3	6549.4	6510.4	6473.4	6484.4	6512.8	6526.7	6546.5
-32.5°	6537.4	6566.2	6609.0	6636.0	6609.0	6566.2	6537.4	6521.5	6516.4	6524.1	6541.8
-35°	6542.1	6575.6	6625.0	6647.3	6625.0	6575.6	6542.1	6521.7	6513.6	6516.9	6498.3
-37.5°	6511.6	6552.6	6595.0	6614.5	6595.0	6552.6	6511.6	6479.4	6454.2	6435.8	6328.9
-40°	6396.0	6437.9	6468.9	6471.4	6468.9	6437.9	6396.0	6350.8	6300.0	6203.5	5963.4
-42.5°	6204.7	6256.6	6280.5	6276.2	6280.5	6256.6	6204.7	6097.3	5935.9	5687.9	5249.7
-45°	5753.1	5936.9	6027.2	6049.3	6027.2	5936.9	5753.1	5373.0	4972.2	4541.9	3965.8
-47.5°	4357.5	4627.0	4799.9	4868.7	4799.9	4627.0	4357.5	3872.8	3454.6	3077.6	2598.1
-50°	2669.0	2694.0	2710.5	2719.0	2710.5	2694.0	2669.0	2558.9	2474.6	2418.9	2342.4
-52.5°	2385.4	2392.6	2396.4	2397.0	2396.4	2392.6	2385.4	2360.0	2329.6	2297.3	2266.3
-55°	2298.7	2313.1	2322.1	2324.4	2322.1	2313.1	2298.7	2261.9	2210.8	2156.1	2097.8
-57.5°	2072.3	2080.6	2089.8	2095.5	2089.8	2080.6	2072.3	2035.8	1980.4	1923.6	1859.5
-60°	1801.2	1808.8	1810.3	1805.2	1810.3	1808.8	1801.2	1773.4	1726.9	1674.0	1615.5
-62.5°	1542.4	1549.3	1556.2	1558.8	1556.2	1549.3	1542.4	1518.5	1474.8	1425.3	1369.9
-65°	1275.7	1279.1	1280.7	1277.7	1280.7	1279.1	1275.7	1256.2	1214.3	1168.5	1119.7
-67.5°	1008.0	1014.9	1024.7	1031.4	1024.7	1014.9	1008.0	991.6	956.8	921.2	886.7
-70°	776.5	773.4	780.0	785.0	780.0	773.4	776.5	769.0	736.7	705.4	676.7
-72.5°	559.9	556.6	554.2	549.9	554.2	556.6	559.9	557.1	535.9	513.2	489.5
-75°	400.4	396.3	395.7	394.6	395.7	396.3	400.4	401.2	387.3	372.5	357.7
-77.5°	326.0	324.4	322.4	319.9	322.4	324.4	326.0	325.8	313.3	301.0	289.9
-80°	284.6	284.7	283.6	282.1	283.6	284.7	284.6	283.8	274.9	265.7	256.2
-82.5°	253.2	253.2	252.4	251.5	252.4	253.2	253.2	252.8	243.9	234.9	227.7
-85°	222.3	222.6	221.8	220.8	221.8	222.6	222.3	221.8	214.7	207.6	200.9
-87.5°	194.6	195.1	194.7	194.2	194.7	195.1	194.6	193.9	188.2	182.4	177.1
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	158.4	155.4	152.3	150.8	149.2	146.2	143.1	139.0	134.9	129.8	124.7
87.5°	2.0	2.5	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.6	4.1
85°	3.0	3.0	3.1	3.5	3.8	3.8	3.7	3.7	3.6	3.8	4.1
82.5°	3.1	3.5	3.8	3.9	4.1	4.1	4.1	4.3	4.4	4.3	4.3
80°	3.9	4.0	4.1	4.1	4.1	4.3	4.4	4.8	5.1	5.0	4.9
77.5°	3.5	3.9	4.2	4.4	4.5	4.8	5.1	5.1	5.2	5.5	5.6
75°	4.7	5.5	6.1	6.2	6.1	5.4	5.3	5.6	5.8	5.9	6.1
72.5°	14.5	13.3	12.7	12.2	11.3	10.9	10.4	9.6	8.5	7.1	6.1
70°	26.3	25.2	24.4	24.5	24.4	23.8	20.9	17.5	14.9	12.9	10.3
67.5°	31.9	33.2	34.7	35.6	35.1	34.7	32.2	28.6	27.3	24.9	18.1
65°	29.3	31.9	33.6	34.3	34.7	36.7	39.3	38.5	40.1	38.5	30.0
62.5°	20.9	24.5	26.4	28.0	28.4	30.2	35.3	40.8	48.9	51.1	41.5
60°	12.1	14.3	16.8	19.3	20.9	24.6	30.6	39.6	51.0	50.2	46.2
57.5°	7.7	9.4	11.8	13.8	14.4	18.7	25.1	36.3	47.8	47.4	41.6
55°	10.4	12.0	13.1	15.4	16.5	19.7	23.0	32.3	43.1	46.6	44.7
52.5°	20.3	27.3	29.4	26.7	26.6	28.1	29.9	37.3	43.9	49.1	51.0
50°	104.3	114.9	101.3	81.1	84.3	59.0	65.7	64.1	61.3	64.1	62.3
47.5°	319.1	295.2	271.6	250.5	224.4	194.2	187.4	144.8	140.6	104.6	104.3
45°	550.3	522.8	483.6	450.4	433.4	399.9	377.2	344.8	280.4	250.4	173.9
42.5°	1000.5	846.3	712.0	651.2	591.4	565.0	547.5	526.3	491.9	431.2	360.7
40°	1701.1	1519.1	1263.3	935.4	793.4	699.5	666.6	659.4	642.0	609.3	534.7
37.5°	2203.4	2100.0	1843.1	1559.3	1176.1	938.2	820.8	757.0	753.0	735.7	686.1
35°	2313.6	2282.3	2232.2	2025.8	1700.0	1502.7	1111.4	919.9	843.2	829.4	812.8
32.5°	2458.4	2425.3	2380.8	2342.3	2258.5	2232.5	1747.7	1214.8	965.1	914.4	887.9
30°	2612.2	2590.5	2560.6	2547.4	2554.0	2544.6	2431.8	1754.4	1235.7	996.8	966.4
27.5°	2824.6	2765.5	2741.7	2764.6	2810.7	2837.6	2751.1	2416.5	1617.6	1221.6	1045.2
25°	3118.4	3029.7	2995.9	3047.2	3129.1	3162.0	3104.7	2884.8	2330.8	1522.0	1127.4
22.5°	3509.0	3439.1	3422.9	3531.0	3555.4	3589.8	3483.3	3351.4	3053.5	1975.6	1378.0
20°	4070.7	3908.1	3901.4	3924.2	3923.6	3907.2	3777.0	3658.0	3331.6	2559.1	1659.0
17.5°	5242.2	4374.9	4244.9	4200.3	4162.7	4071.0	3994.7	3811.2	3575.1	3051.6	1931.5
15°	7570.4	5352.8	4637.5	4536.8	4473.9	4374.5	4276.9	4065.1	3842.7	3356.8	2321.9
12.5°	14581.5	6865.8	4984.0	4751.8	4702.0	4623.2	4502.8	4399.9	4105.5	3632.6	2725.5
10°	20563.0	9959.1	5948.8	5001.8	4829.2	4721.7	4627.8	4523.7	4276.9	3881.6	3120.1
7.5°	28607.0	14538.5	7041.0	5253.6	4991.3	4811.5	4690.0	4586.3	4385.7	3987.5	3381.9
5°	35001.2	17845.0	7889.0	5501.4	5201.2	4987.0	4762.4	4651.9	4452.9	4027.8	3554.5
2.5°	38814.1	19973.5	8400.1	5643.7	5355.3	5217.3	4879.4	4716.3	4478.6	4055.2	3663.9
0°	41053.9	21026.3	8914.4	5718.1	5427.8	5345.0	5063.9	4776.7	4469.0	4064.2	3716.7
-2.5°	42816.1	22100.3	9172.7	5863.3	5539.7	5447.9	5272.4	5010.3	4520.6	4075.3	3747.7
-5°	40847.1	21026.3	9144.4	5952.9	5636.6	5547.8	5408.3	5162.9	4599.1	4099.9	3725.0
-7.5°	36078.1	18171.0	8603.8	6028.9	5739.1	5646.0	5500.9	5258.7	4760.4	4226.0	3672.6
-10°	28317.3	13871.6	7615.0	6100.7	5871.8	5749.8	5591.4	5286.6	4828.0	4325.4	3562.5
-12.5°	20809.8	10550.9	6686.2	6131.0	6025.6	5868.7	5672.9	5276.5	4869.6	4459.2	3489.6
-15°	13475.4	8342.7	6562.2	6240.2	6124.0	5948.4	5714.2	5249.3	4879.0	4540.7	3317.5
-17.5°	9505.4	6852.8	6395.2	6289.4	6161.4	5992.4	5643.0	5217.2	4837.7	4307.8	2963.3
-20°	6943.8	6605.9	6481.3	6360.9	6188.6	5997.3	5529.9	5156.7	4728.3	3828.5	2653.1



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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°	6612.5	6602.1	6593.0	6454.5	6268.4	5868.8	5434.3	5058.6	4566.2	3355.1	2351.5
-25°	6579.4	6631.7	6628.3	6532.4	6244.1	5779.2	5368.0	4889.7	4029.3	2943.3	2071.2
-27.5°	6588.0	6627.7	6632.5	6490.4	6138.8	5701.9	5255.9	4620.6	3368.9	2504.7	2062.0
-30°	6575.6	6602.7	6537.9	6327.2	5973.7	5566.8	5118.7	3918.4	2850.9	2170.3	2035.0
-32.5°	6555.5	6496.8	6365.1	6064.5	5743.7	5401.0	4387.5	3225.6	2365.2	2132.1	2013.4
-35°	6456.5	6271.6	6009.5	5748.7	5520.0	4630.1	3583.8	2614.1	2221.4	2090.4	1990.8
-37.5°	6150.9	5882.2	5609.7	5295.6	4564.8	3690.6	2747.9	2317.9	2159.1	2064.1	1927.7
-40°	5655.7	5371.2	4808.6	4197.6	3463.1	2634.9	2368.3	2226.0	2131.3	2006.2	1838.6
-42.5°	4721.6	4190.2	3654.0	3021.3	2482.7	2373.9	2268.0	2187.0	2069.6	1904.7	1720.8
-45°	3451.2	2963.4	2510.5	2432.8	2346.1	2283.3	2224.2	2102.1	1957.4	1775.5	1593.0
-47.5°	2453.1	2399.7	2339.9	2312.5	2275.7	2215.8	2096.9	1968.8	1802.1	1626.6	1457.8
-50°	2294.2	2278.1	2264.3	2234.5	2147.3	2049.3	1928.4	1801.3	1640.7	1478.6	1318.5
-52.5°	2228.3	2173.5	2116.1	2049.4	1956.1	1846.9	1733.5	1619.4	1478.9	1326.0	1174.9
-55°	2035.9	1970.7	1904.4	1824.9	1737.3	1643.7	1547.1	1433.7	1307.7	1165.8	1029.0
-57.5°	1791.2	1726.8	1671.6	1603.9	1525.3	1439.1	1342.7	1235.8	1129.8	1003.8	881.5
-60°	1554.2	1491.6	1442.9	1380.8	1306.5	1224.1	1136.3	1044.0	946.1	855.8	761.3
-62.5°	1317.4	1265.0	1212.6	1153.9	1088.2	1017.3	942.3	872.6	800.7	722.8	636.3
-65°	1072.7	1022.2	974.9	935.4	888.6	838.3	778.4	716.7	651.9	583.0	507.8
-67.5°	851.0	813.4	780.2	747.1	706.7	664.4	613.7	559.7	506.8	453.5	394.6
-70°	646.3	616.1	585.7	553.3	525.5	498.8	463.1	423.5	378.8	342.0	308.6
-72.5°	466.1	444.4	422.4	403.0	380.5	362.9	345.6	324.5	298.9	270.5	247.4
-75°	343.1	331.0	320.3	311.9	301.0	287.7	276.6	264.2	251.3	237.5	223.7
-77.5°	279.6	274.0	268.6	264.5	259.8	253.7	246.1	235.9	225.9	214.6	203.2
-80°	247.2	242.7	238.1	235.0	231.6	227.4	222.5	213.9	204.8	194.5	184.5
-82.5°	220.5	216.2	211.9	209.1	206.0	202.6	198.5	191.1	183.7	175.3	167.1
-85°	194.3	190.9	187.5	184.9	182.1	178.8	175.2	169.4	163.6	156.5	149.4
-87.5°	171.8	169.0	166.1	163.9	161.6	158.6	155.6	151.1	146.6	140.7	134.8
-90°	2.0	2.0	2.0	2.6	3.1	3.1	3.1	3.1	3.1	3.6	4.1



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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°	119.6	114.5	109.9	105.3	101.2	97.1	92.5	87.9	81.8	75.6	68.0
87.5°	4.1	4.1	4.4	4.7	4.6	4.6	4.8	5.1	5.1	5.1	5.3
85°	4.3	4.4	4.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.4
82.5°	4.7	5.0	5.0	5.1	5.4	5.6	5.5	5.4	5.3	5.2	5.6
80°	5.0	5.1	5.3	5.4	5.7	6.1	5.9	5.8	5.9	5.9	6.0
77.5°	5.5	5.4	5.7	6.0	6.0	6.2	6.3	6.3	6.6	6.6	6.4
75°	6.1	6.0	6.0	6.2	6.2	6.3	6.6	6.8	7.1	7.2	6.9
72.5°	6.1	6.2	6.3	6.4	6.7	6.8	7.1	7.3	7.5	7.6	7.3
70°	8.0	6.8	6.8	7.0	7.2	7.4	7.6	7.9	8.0	8.0	7.8
67.5°	11.3	9.5	8.3	7.8	7.8	8.2	8.2	8.5	8.7	8.5	8.3
65°	22.1	15.3	10.1	9.6	8.9	9.0	9.1	9.4	9.4	9.5	8.9
62.5°	32.3	23.8	17.5	12.8	11.1	11.4	10.3	11.0	10.5	10.7	10.0
60°	42.3	32.8	25.7	20.4	16.4	14.8	14.1	12.8	12.6	12.0	11.4
57.5°	41.5	40.1	36.2	29.1	25.0	21.1	19.0	17.1	15.2	14.5	13.0
55°	40.9	40.9	45.3	40.8	35.9	30.0	26.4	23.0	18.9	17.5	14.9
52.5°	47.7	48.6	52.3	54.7	51.0	41.9	38.1	29.4	26.0	20.7	18.1
50°	59.2	64.5	65.1	70.9	67.9	61.9	51.0	42.1	33.8	25.4	21.6
47.5°	89.7	94.7	89.7	94.3	89.9	85.0	71.7	57.1	42.3	33.3	25.2
45°	172.0	143.6	139.0	131.0	120.6	114.8	96.9	73.6	57.4	41.9	28.9
42.5°	286.9	246.6	223.6	175.4	170.2	149.9	126.5	100.1	73.7	51.2	35.3
40°	448.1	388.1	334.1	279.4	231.9	189.3	164.4	130.1	91.1	63.1	43.7
37.5°	604.7	533.4	471.4	390.0	310.5	253.9	206.0	162.2	113.5	80.0	52.4
35°	734.9	668.3	585.2	498.0	414.5	319.7	250.6	198.3	143.6	97.8	61.4
32.5°	841.9	774.5	679.2	591.0	497.2	385.4	304.9	236.5	174.1	116.3	70.7
30°	921.7	857.5	767.0	664.0	564.4	453.7	359.4	272.9	204.9	135.5	81.5
27.5°	1004.5	942.8	852.0	738.2	622.5	512.5	404.1	307.4	236.0	155.3	95.7
25°	1087.2	1024.0	939.9	820.2	680.7	558.7	444.7	340.2	265.4	176.0	109.1
22.5°	1159.5	1098.8	1027.3	906.8	746.4	603.4	482.8	375.6	285.4	195.1	121.7
20°	1226.0	1162.3	1109.3	980.3	817.8	657.0	520.0	403.2	303.9	212.5	133.5
17.5°	1321.0	1218.8	1152.1	1036.7	885.1	712.1	558.5	429.4	320.9	228.2	144.4
15°	1538.3	1274.3	1194.2	1086.4	939.9	764.1	597.1	454.5	336.3	242.3	154.1
12.5°	1737.1	1326.8	1238.2	1128.9	981.1	809.5	634.9	478.2	350.1	255.6	162.3
10°	1937.9	1377.8	1281.4	1170.1	1016.4	848.8	671.2	502.7	367.2	268.3	169.6
7.5°	2158.0	1427.9	1321.7	1209.5	1046.9	880.9	703.0	530.6	383.8	279.6	175.9
5°	2358.0	1474.0	1363.6	1253.4	1077.7	906.3	730.1	556.2	399.0	289.6	181.3
2.5°	2498.2	1513.0	1404.8	1294.7	1104.4	926.7	752.9	579.2	412.6	297.9	185.7
0°	2602.5	1547.6	1442.3	1330.9	1126.4	942.5	771.7	599.0	424.2	304.6	189.1
-2.5°	2598.2	1576.6	1473.1	1365.8	1167.2	965.6	783.8	609.4	436.4	313.9	196.0
-5°	2553.8	1602.2	1500.9	1395.3	1201.5	983.6	792.0	616.4	446.4	321.3	201.7
-7.5°	2498.9	1630.7	1527.3	1419.1	1227.9	995.7	796.1	620.1	453.9	326.6	206.2
-10°	2408.3	1658.9	1551.6	1430.5	1233.2	1002.8	797.4	620.7	459.0	329.8	209.3
-12.5°	2296.5	1684.6	1572.4	1435.2	1230.4	1006.2	802.7	620.0	461.0	330.8	210.9
-15°	2147.8	1719.0	1597.8	1433.8	1222.2	1004.9	802.2	615.7	457.3	328.4	210.9
-17.5°	1938.0	1744.8	1621.9	1428.9	1209.6	999.1	795.5	606.6	450.9	322.3	208.7
-20°	1913.0	1768.6	1635.3	1413.5	1192.0	986.6	782.1	592.4	441.8	314.2	204.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1930.4	1795.6	1628.9	1387.5	1170.3	968.3	763.0	573.5	429.8	304.0	199.4
-25°	1934.0	1821.4	1619.6	1373.5	1145.3	942.6	740.6	555.0	415.1	291.8	192.8
-27.5°	1932.5	1816.8	1604.9	1343.7	1117.8	911.0	715.8	542.0	403.0	277.6	184.8
-30°	1927.9	1767.9	1553.2	1300.4	1079.8	875.4	687.1	525.7	389.4	266.3	175.4
-32.5°	1901.3	1713.3	1486.6	1251.5	1034.6	835.3	655.3	505.9	372.8	256.7	169.5
-35°	1831.5	1639.2	1418.7	1195.1	984.8	796.4	624.1	482.6	353.2	244.8	164.5
-37.5°	1755.2	1547.0	1349.8	1133.6	930.1	752.9	595.2	457.3	330.7	230.6	158.8
-40°	1644.6	1446.6	1258.8	1064.6	874.2	704.2	561.7	428.8	310.4	213.9	151.7
-42.5°	1528.6	1341.4	1162.7	983.2	814.0	660.3	524.1	396.5	288.6	201.3	143.2
-45°	1411.0	1232.8	1062.5	903.2	749.6	611.3	483.3	361.7	263.9	190.0	136.7
-47.5°	1286.7	1121.1	964.7	817.7	688.6	557.3	436.1	330.5	236.7	177.0	134.1
-50°	1158.7	1007.0	865.6	738.1	618.9	499.1	387.0	296.0	219.8	162.3	131.0
-52.5°	1029.2	891.9	771.0	658.4	546.0	435.5	342.5	259.3	201.2	154.6	127.4
-55°	897.1	785.5	680.4	574.7	469.4	378.7	294.9	234.7	180.9	149.7	123.5
-57.5°	782.4	684.6	585.0	486.7	399.6	321.4	258.3	208.7	171.2	144.3	121.1
-60°	669.3	577.2	485.2	407.0	333.4	273.5	228.0	187.5	164.1	138.8	118.2
-62.5°	551.5	469.8	398.8	330.8	279.5	237.3	200.1	177.8	156.1	134.8	115.0
-65°	441.1	375.7	315.0	276.0	237.7	206.0	188.2	167.6	149.4	130.3	111.4
-67.5°	335.7	299.5	263.6	228.7	208.5	192.0	175.5	159.2	143.0	125.4	107.6
-70°	275.3	243.1	222.4	207.4	192.6	178.0	165.4	151.3	136.2	120.6	103.5
-72.5°	232.3	217.6	203.4	189.9	178.4	166.8	155.4	143.2	129.8	115.5	99.2
-75°	209.7	197.8	187.0	176.3	165.7	155.3	145.9	135.4	123.1	110.2	94.7
-77.5°	192.2	181.8	172.1	162.9	153.9	145.3	136.7	127.4	116.1	104.4	90.0
-80°	175.5	166.7	158.4	150.1	142.6	135.1	127.0	118.8	108.6	98.2	85.0
-82.5°	159.5	152.0	144.4	136.8	130.1	123.3	116.5	109.8	100.8	91.9	80.3
-85°	143.0	136.6	129.8	123.0	117.1	111.3	106.5	101.5	94.1	86.6	76.3
-87.5°	129.5	124.3	118.9	113.5	108.8	104.2	99.5	94.8	88.0	81.1	72.2
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.1	5.1	5.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	60.3	50.1	39.9	28.1	16.4	10.7	5.1
87.5°	5.4	5.3	5.3	5.3	5.3	5.2	5.1
85°	5.6	5.5	5.4	5.5	5.5	5.4	5.1
82.5°	5.9	5.7	5.6	5.7	5.7	5.5	5.1
80°	6.1	6.0	5.8	5.9	5.8	5.6	5.1
77.5°	6.4	6.2	6.0	6.1	6.0	5.8	5.1
75°	6.7	6.6	6.2	6.3	6.2	5.9	5.1
72.5°	7.1	6.9	6.6	6.6	6.4	6.0	5.1
70°	7.4	7.3	7.0	6.8	6.6	6.2	5.1
67.5°	8.0	7.7	7.4	7.1	6.8	6.3	5.1
65°	8.6	8.2	7.7	7.3	7.0	6.4	5.1
62.5°	9.3	8.8	8.1	7.6	7.2	6.6	5.1
60°	9.9	9.4	8.4	7.9	7.5	6.7	5.1
57.5°	11.6	10.0	9.1	8.1	7.7	6.8	5.1
55°	13.5	10.6	9.8	8.4	8.0	7.0	5.1
52.5°	15.5	11.5	10.6	8.7	8.4	7.1	5.1
50°	17.7	13.7	11.4	8.9	8.7	7.2	5.1
47.5°	20.2	15.9	12.3	9.3	9.1	7.4	5.1
45°	23.4	18.3	13.2	10.0	9.5	7.5	5.1
42.5°	26.8	20.7	14.2	10.7	9.9	7.6	5.1
40°	30.3	23.1	15.7	11.7	10.3	7.7	5.1
37.5°	34.1	25.7	17.6	12.9	10.8	7.9	5.1
35°	38.0	28.6	19.5	14.2	11.3	8.0	5.1
32.5°	43.1	31.7	21.5	15.5	11.8	8.1	5.1
30°	50.7	34.8	23.4	16.8	12.3	8.2	5.1
27.5°	58.2	37.9	25.9	18.2	12.8	8.3	5.1
25°	65.5	41.0	28.3	19.6	13.3	8.4	5.1
22.5°	72.7	44.1	30.7	21.0	13.9	8.5	5.1
20°	79.7	47.4	33.0	22.4	14.4	8.6	5.1
17.5°	86.1	50.6	35.2	23.8	15.0	8.7	5.1
15°	91.9	53.7	37.4	25.2	15.5	8.8	5.1
12.5°	97.1	56.5	39.4	26.5	16.0	8.9	5.1
10°	101.8	59.3	41.3	27.9	16.6	9.0	5.1
7.5°	106.1	61.9	43.2	29.2	17.1	9.0	5.1
5°	109.7	64.3	44.9	30.4	17.5	9.1	5.1
2.5°	112.9	66.5	46.5	31.6	18.0	9.2	5.1
0°	115.5	68.5	48.0	32.7	18.4	9.2	5.1
-2.5°	119.2	71.3	50.1	34.1	19.4	9.6	5.1
-5°	122.3	74.0	52.1	35.5	20.3	10.0	5.1
-7.5°	124.8	76.4	53.9	36.8	21.2	10.4	5.1
-10°	126.7	78.6	55.6	37.9	22.0	10.7	5.1
-12.5°	128.0	80.5	57.2	39.0	22.8	11.1	5.1
-15°	128.7	82.2	58.6	40.0	23.5	11.4	5.1
-17.5°	128.7	83.6	59.8	40.9	24.2	11.7	5.1
-20°	128.1	84.8	60.9	41.7	24.8	12.0	5.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	127.2	85.6	61.8	42.4	25.4	12.3	5.1
-25°	125.4	86.4	62.5	43.0	25.9	12.6	5.1
-27.5°	122.9	87.0	63.0	43.5	26.3	12.8	5.1
-30°	119.7	87.2	63.4	43.9	26.6	13.0	5.1
-32.5°	115.7	87.2	63.9	44.2	26.9	13.2	5.1
-35°	114.1	87.0	64.2	44.3	27.1	13.4	5.1
-37.5°	113.4	86.6	64.3	44.4	27.3	13.5	5.1
-40°	112.4	86.6	64.3	44.4	27.3	13.6	5.1
-42.5°	111.1	86.3	64.3	44.3	27.3	13.7	5.1
-45°	109.3	85.9	64.2	44.3	27.2	13.8	5.1
-47.5°	107.1	85.2	64.0	44.1	27.1	13.8	5.1
-50°	105.7	84.3	63.6	43.9	26.8	13.8	5.1
-52.5°	104.2	83.2	63.0	43.6	26.5	13.8	5.1
-55°	102.4	82.0	62.3	43.2	26.1	13.7	5.1
-57.5°	100.3	80.7	61.4	42.6	25.7	13.7	5.1
-60°	98.0	79.1	60.4	41.9	25.1	13.6	5.1
-62.5°	95.6	77.3	59.2	41.1	24.7	13.5	5.1
-65°	92.9	75.2	57.8	40.2	24.2	13.3	5.1
-67.5°	89.9	73.0	56.3	39.1	23.7	13.1	5.1
-70°	86.7	70.6	54.7	38.0	23.1	13.0	5.1
-72.5°	83.3	68.0	52.9	37.0	22.4	12.7	5.1
-75°	79.8	65.3	50.9	36.0	21.7	12.5	5.1
-77.5°	76.1	62.4	49.3	34.9	20.9	12.3	5.1
-80°	72.2	59.9	47.6	33.7	20.1	12.0	5.1
-82.5°	69.3	57.6	45.8	32.4	19.2	11.7	5.1
-85°	66.4	55.2	44.0	31.1	18.3	11.4	5.1
-87.5°	63.4	52.7	42.0	29.6	17.4	11.1	5.1
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(END OF REPORT)