

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: P1305836 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305836 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-57-70-1S-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

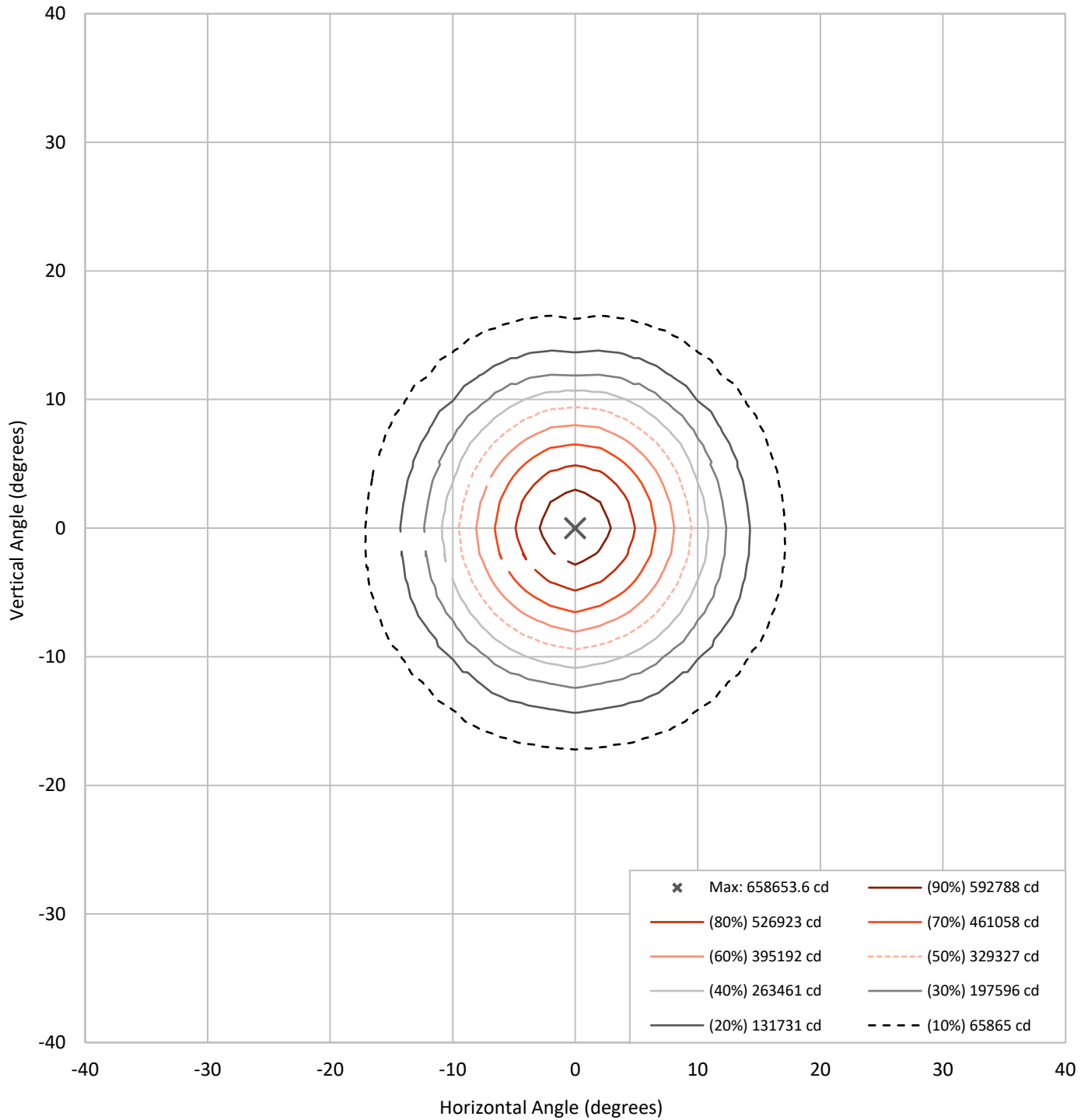
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	86816.9 lumens	Max Intensity:	658653.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	38484.4 lumens	Field Lumens:	70093.4 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%

Input Watts (W): 718
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





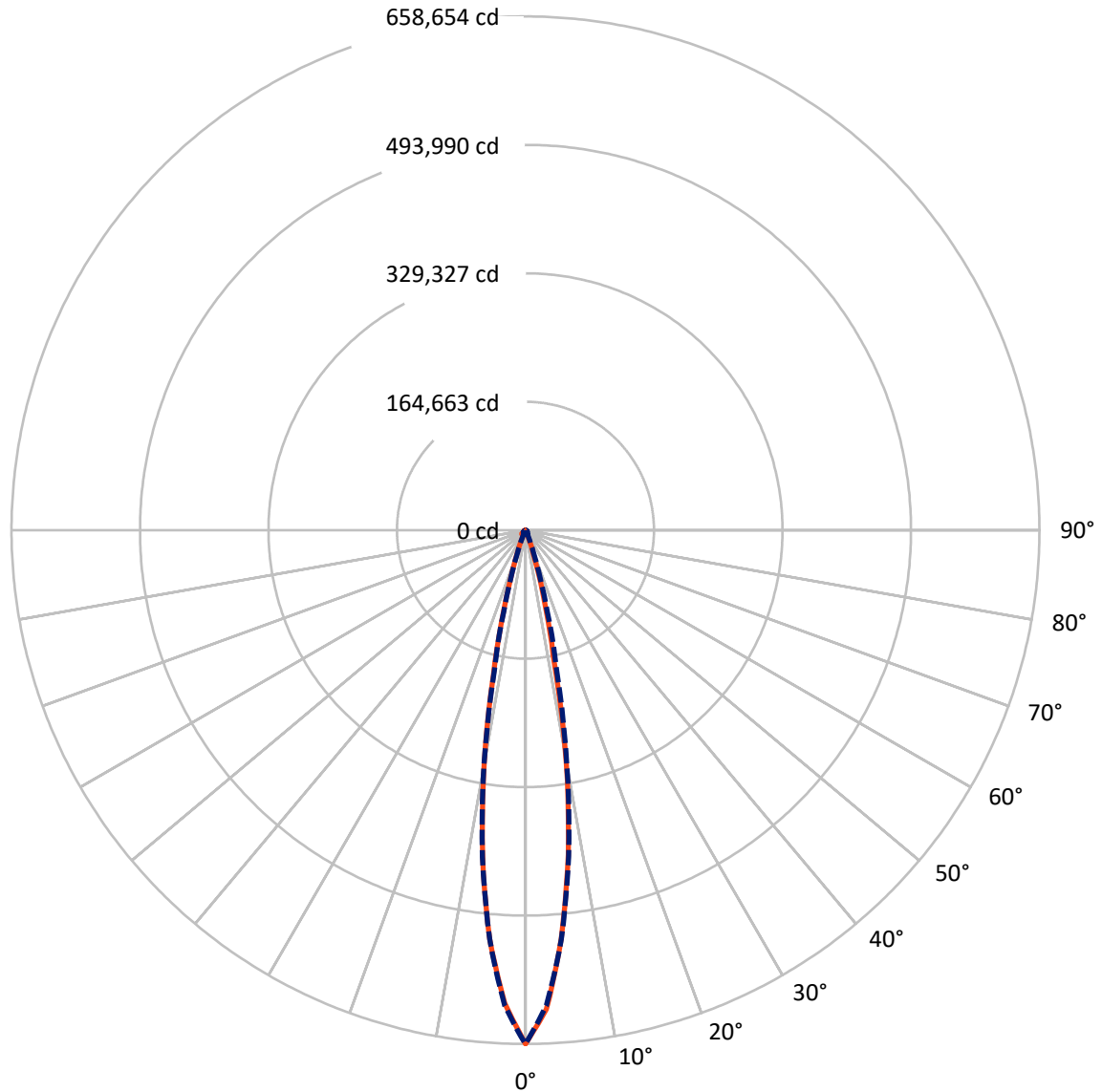
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Lumen Table

90	0.3	1.2		2.2		3.0		3.3		3.0		2.2		1.2		0.3			
80	0.3	1.2		2.2		3.0		3.3		3.0		2.2		1.2		0.3			
70	0.4	0.2	0.3	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.3	0.2	0.4			
60		0.5	1.0	1.2	1.0	0.9	1.2	1.3	1.3	1.2	0.9	1.0	1.2	1.0	0.5				
50	1.2	1.5	3.2	6.3	9.8	16.9	25.7	28.5	28.5	25.7	16.9	9.8	6.3	3.2	1.5	1.2			
40		3.3	9.3	16.9	35.5	58.1	65.0	68.2	68.2	65.0	58.1	35.5	16.9	9.3	3.3				
30	2.8	5.6	15.3	31.4	74.7	79.3	96.2	159.2	159.2	96.2	79.3	74.7	31.4	15.3	5.6	2.8			
20		7.6	19.7	55.9	99.0	116.8	727.5	2899.1	2899.1	727.5	116.8	99.0	55.9	19.7	7.6				
10	4.2	9.3	23.1	74.0	110.4	217.9	2939.5	12229.6	12229.6	2939.5	217.9	110.4	74.0	23.1	9.3	4.2			
0		10.4	25.8	79.0	122.8	243.7	3090.2	12170.6	12170.6	3090.2	243.7	122.8	79.0	25.8	10.4				
-10	4.9	10.8	27.7	78.0	136.0	167.6	858.0	3141.2	3141.2	858.0	167.6	136.0	78.0	27.7	10.8	4.9			
-20		10.4	28.0	60.4	138.6	169.7	185.2	287.5	287.5	185.2	169.7	138.6	60.4	28.0	10.4				
-30	4.6	9.4	26.1	48.1	101.5	170.5	191.6	193.8	193.8	191.6	170.5	101.5	48.1	26.1	9.4	4.6			
-40		7.8	21.4	42.1	62.9	95.0	140.8	175.6	175.6	140.8	95.0	62.9	42.1	21.4	7.8				
-50	3.9	6.1	15.6	30.7	48.9	63.8	74.3	81.1	81.1	74.3	63.8	48.9	30.7	15.6	6.1	3.9			
-60		4.8	10.2	18.7	29.6	39.7	48.4	54.2	54.2	48.4	39.7	29.6	18.7	10.2	4.8				
-70	2.7	18.3		43.7		68.7		82.0		68.7		43.7		18.3		2.7			
-80		18.3		43.7		68.7		82.0		68.7		43.7		18.3					
-90	2.7	18.3		43.7		68.7		82.0		68.7		43.7		18.3		2.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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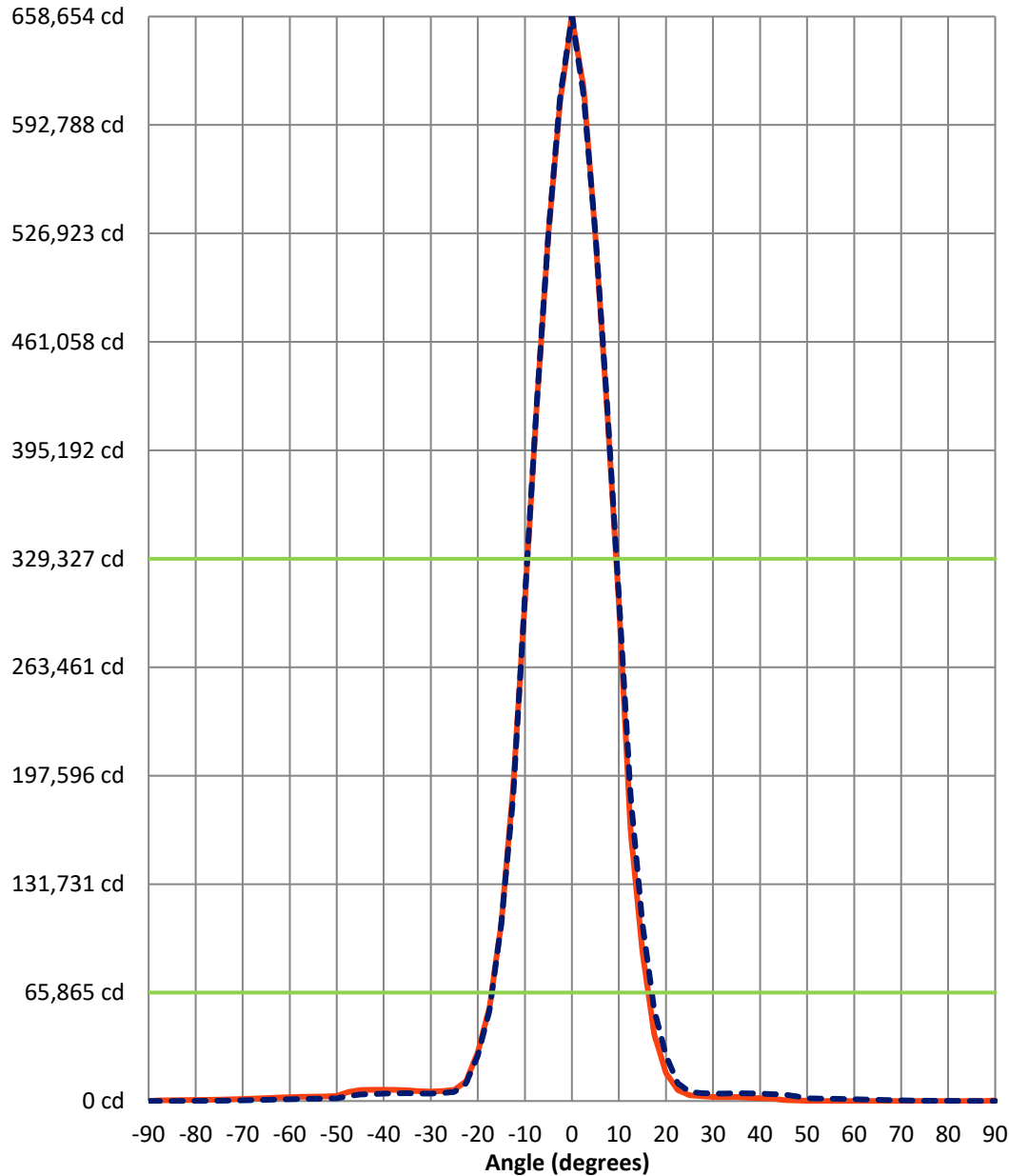
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 19°
V Angle: 18.9°
Lumens: 38484.4
Efficiency: 44.3%

Field:
H Angle: 34°
V Angle: 33.3°
Lumens: 70093.4
Efficiency: 80.7%

Spill:
Lumens: 16723.4
Efficiency: 19.3%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	9.4	25.1	40.9	61.3	81.7	102.2	122.6	137.2	151.7	166.3	180.8
87.5°	9.4	8.1	6.6	6.6	6.6	6.5	6.3	6.3	6.3	6.3	6.3
85°	9.4	8.4	6.9	6.9	6.8	6.6	6.3	6.3	6.3	6.3	6.3
82.5°	9.4	8.7	7.1	7.2	7.1	6.8	6.3	6.3	6.3	6.4	6.3
80°	9.4	9.0	7.5	7.5	7.4	7.0	6.5	6.8	6.9	6.8	6.4
77.5°	9.4	9.3	7.8	7.8	7.7	7.5	7.3	7.5	7.5	7.1	6.6
75°	9.4	9.6	8.1	8.2	8.2	8.6	8.3	8.3	8.2	8.1	7.5
72.5°	9.4	9.9	8.5	8.5	9.3	9.7	9.3	9.3	9.7	9.4	8.5
70°	9.4	10.2	8.9	9.0	10.5	10.9	10.5	11.0	11.3	10.9	10.3
67.5°	9.4	10.5	9.3	10.0	11.6	12.1	12.5	12.7	13.0	13.4	12.4
65°	9.4	10.8	9.7	11.1	12.8	13.9	14.7	14.5	15.9	16.1	15.2
62.5°	9.4	11.1	10.2	12.1	14.1	16.2	17.0	17.2	19.0	19.3	19.3
60°	9.4	11.4	10.7	13.2	15.3	18.6	19.5	20.4	22.2	23.9	23.8
57.5°	9.4	11.7	11.7	14.2	17.5	21.1	23.3	24.0	26.7	28.7	31.4
55°	9.4	12.1	12.8	15.3	19.8	23.7	27.5	28.3	31.6	35.0	41.2
52.5°	9.4	12.4	14.0	16.4	22.1	26.6	32.0	34.2	36.8	45.5	51.9
50°	9.4	12.7	15.1	17.5	24.4	30.7	36.7	40.8	43.7	56.8	69.0
47.5°	9.4	13.1	16.4	18.8	26.8	35.0	41.9	47.9	54.8	68.7	87.9
45°	9.4	13.4	17.6	20.6	29.2	39.4	48.5	55.4	68.4	87.2	108.1
42.5°	9.4	13.8	18.9	22.4	31.6	43.9	55.4	66.1	82.7	106.7	138.2
40°	9.4	14.1	20.2	24.8	34.7	48.6	62.6	78.9	99.3	127.3	172.0
37.5°	9.4	14.4	21.5	27.6	38.3	53.3	70.0	92.0	120.1	153.9	208.1
35°	9.4	14.8	22.9	30.5	41.9	58.9	77.7	105.4	141.3	187.3	248.6
32.5°	9.4	15.1	24.3	33.3	45.5	65.0	86.5	119.0	162.9	220.0	290.9
30°	9.4	15.5	25.7	36.3	49.1	71.1	97.5	133.8	184.8	252.0	331.4
27.5°	9.4	15.8	27.0	39.2	54.2	77.3	108.5	151.8	208.7	283.1	370.0
25°	9.4	16.1	28.4	42.2	59.4	83.4	119.4	169.6	234.9	315.2	407.0
22.5°	9.4	16.5	29.8	45.1	64.6	89.9	130.1	187.3	260.2	346.6	447.6
20°	9.4	16.8	31.2	48.1	69.7	97.3	140.6	204.5	284.4	376.1	486.0
17.5°	9.4	17.1	32.6	51.0	74.7	104.5	151.1	221.4	307.4	403.8	522.1
15°	9.4	17.4	33.9	53.9	79.6	111.5	161.3	236.8	329.1	429.6	555.6
12.5°	9.4	17.7	35.2	56.7	84.3	118.1	170.9	250.3	348.9	453.4	586.6
10°	9.4	17.9	36.5	59.4	88.9	124.4	179.9	262.7	367.0	479.4	618.5
7.5°	9.4	18.2	37.7	62.0	93.4	130.4	188.2	273.9	383.7	504.9	655.7
5°	9.4	18.5	38.8	64.6	97.6	136.0	195.9	283.9	399.0	528.8	690.5
2.5°	9.4	18.7	39.9	66.9	101.6	141.3	202.8	292.7	412.7	550.9	722.6
0°	9.4	18.9	40.9	69.2	105.3	146.2	209.1	300.3	424.5	570.7	751.5
-2.5°	9.4	19.8	43.1	72.8	110.0	152.3	216.5	310.6	438.4	586.0	767.6
-5°	9.4	20.7	45.3	76.3	114.5	157.9	223.2	319.5	450.1	598.6	780.1
-7.5°	9.4	21.6	47.3	79.6	118.6	163.2	229.1	327.0	459.6	608.5	788.8
-10°	9.4	22.4	49.2	82.7	122.4	167.9	234.2	332.9	466.7	615.8	794.0
-12.5°	9.4	23.2	51.0	85.5	126.0	172.3	238.4	337.3	471.4	620.7	799.3
-15°	9.4	24.0	52.7	88.2	129.2	176.1	241.9	339.9	474.0	625.1	802.4
-17.5°	9.4	24.8	54.2	90.6	132.2	179.5	244.5	341.9	474.9	626.4	801.1
-20°	9.4	25.5	55.6	92.8	134.8	182.4	246.7	342.9	473.3	624.5	795.4



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 CATALOG NUMBER: EPH-08-680R-57-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9.4	26.1	56.9	94.7	137.1	184.7	248.8	342.0	469.1	619.3	785.2
-25°	9.4	26.8	58.0	96.4	139.1	187.0	249.8	339.1	462.3	610.9	770.4
-27.5°	9.4	27.3	58.9	97.8	140.8	188.9	249.8	334.3	452.9	599.8	757.9
-30°	9.4	27.9	59.7	99.0	142.1	190.2	248.7	327.5	444.1	586.7	741.8
-32.5°	9.4	28.3	60.3	99.9	143.3	190.9	246.5	323.8	434.7	570.6	721.9
-35°	9.4	28.8	60.8	100.5	144.0	191.0	245.7	320.3	422.9	551.5	698.2
-37.5°	9.4	29.2	61.0	100.8	144.3	190.8	245.2	315.4	408.7	529.5	673.7
-40°	9.4	29.5	61.1	100.8	144.2	190.8	243.9	309.1	392.0	509.0	645.7
-42.5°	9.4	29.8	61.1	100.6	143.8	190.2	241.9	301.5	379.9	486.9	613.3
-45°	9.4	30.0	60.8	100.0	143.1	189.1	239.0	294.9	369.5	461.8	577.6
-47.5°	9.4	30.1	60.4	99.1	141.9	187.4	235.5	290.6	357.5	434.1	546.0
-50°	9.4	30.3	59.7	98.1	140.3	185.2	232.5	285.4	342.9	417.1	511.0
-52.5°	9.4	30.3	59.0	96.9	138.4	182.4	229.0	279.3	332.3	398.1	474.7
-55°	9.4	30.3	58.0	95.3	136.0	179.3	224.9	272.5	323.2	377.0	450.3
-57.5°	9.4	30.3	56.9	93.5	133.2	175.6	220.1	266.6	313.1	362.9	423.5
-60°	9.4	30.2	55.6	91.5	130.1	171.4	214.7	259.5	302.6	350.2	399.4
-62.5°	9.4	30.0	55.0	89.2	126.8	166.8	208.8	251.6	293.0	336.5	383.7
-65°	9.4	29.8	54.3	86.6	123.1	161.6	202.2	242.9	282.7	323.8	367.0
-67.5°	9.4	29.5	53.5	83.8	119.0	156.1	195.1	233.5	271.6	310.8	351.1
-70°	9.4	29.2	52.5	80.8	114.6	150.2	187.4	223.4	259.4	296.9	335.1
-72.5°	9.4	28.8	51.4	78.7	109.9	143.8	179.2	212.7	246.4	281.5	317.9
-75°	9.4	28.4	50.2	76.7	105.0	137.1	170.5	201.4	232.8	265.3	298.9
-77.5°	9.4	28.0	48.9	74.5	101.3	130.0	161.4	189.6	218.4	248.3	279.2
-80°	9.4	27.5	47.4	72.2	97.8	124.2	151.8	177.3	203.4	230.4	258.2
-82.5°	9.4	27.0	45.9	69.7	94.1	119.1	144.7	165.9	187.9	211.8	236.4
-85°	9.4	26.4	44.3	67.0	90.2	113.7	137.6	156.6	175.9	195.8	216.0
-87.5°	9.4	25.8	42.6	64.2	86.0	108.0	130.2	147.0	164.0	181.2	198.6
-90°	9.4	7.9	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	194.6	208.3	222.1	235.8	246.0	256.3	266.5	276.7	285.4	294.0	302.7
87.5°	5.9	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
85°	5.9	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
82.5°	5.9	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.4	4.2	4.0
80°	6.0	5.6	5.4	5.2	5.2	5.2	5.0	4.8	4.7	4.8	4.8
77.5°	6.5	6.4	6.3	6.2	6.0	5.7	5.6	5.6	5.6	5.4	5.2
75°	7.2	7.2	7.1	6.6	6.2	6.2	6.3	6.3	6.1	5.7	5.3
72.5°	8.2	8.2	7.7	6.9	6.6	6.8	6.7	6.5	6.9	7.8	8.6
70°	9.5	9.2	9.1	8.3	7.5	7.9	9.1	10.3	11.5	13.4	16.1
67.5°	11.1	11.6	11.2	10.4	10.3	11.8	13.3	18.3	23.8	26.7	27.9
65°	14.0	14.2	14.9	15.2	14.2	18.5	24.3	30.8	37.0	38.1	37.2
62.5°	17.3	19.1	20.4	21.6	23.3	27.7	34.2	40.8	47.5	45.6	39.3
60°	24.0	25.0	28.6	32.3	33.5	35.9	43.1	46.7	48.9	47.6	37.1
57.5°	32.2	34.0	40.1	44.3	45.6	42.8	45.5	47.9	47.6	42.0	32.2
55°	43.7	45.9	53.5	58.9	58.7	48.3	47.8	50.0	46.4	40.8	31.8
52.5°	60.2	61.5	69.8	75.8	73.7	63.0	55.3	58.9	58.4	51.1	43.4
50°	78.3	85.3	88.4	96.8	96.3	87.6	73.1	80.4	93.1	90.7	79.8
47.5°	104.1	113.1	113.5	123.7	128.3	135.8	123.5	138.9	157.6	196.0	183.7
45°	135.0	150.0	151.2	160.6	184.3	212.8	224.3	223.4	318.4	352.6	377.5
42.5°	169.1	193.2	203.4	202.7	279.0	322.4	347.0	425.5	497.6	519.4	531.1
40°	212.3	241.4	263.4	312.6	391.6	451.7	513.7	597.4	636.8	640.6	640.8
37.5°	259.8	302.0	337.5	421.4	522.2	588.8	665.9	701.9	729.1	730.7	761.6
35°	310.6	367.4	433.2	526.7	637.7	713.4	757.9	790.4	805.3	839.5	989.9
32.5°	368.9	437.3	523.2	627.4	733.4	810.5	837.0	865.1	901.3	1002.9	1444.3
30°	427.6	516.1	608.8	720.8	828.4	882.7	910.7	946.0	1002.8	1399.0	2010.6
27.5°	477.4	589.9	691.0	807.9	917.7	955.3	987.7	1040.6	1282.4	1838.2	2687.9
25°	525.1	648.6	767.1	893.9	984.7	1026.3	1067.0	1138.7	1610.8	2491.5	3071.5
22.5°	572.9	707.9	836.2	978.8	1051.5	1094.5	1157.3	1425.1	2085.4	3144.2	3416.9
20°	621.9	767.2	904.7	1047.5	1115.7	1160.4	1246.6	1749.4	2665.4	3422.8	3675.3
17.5°	669.9	824.2	969.1	1095.9	1166.6	1230.0	1366.5	2075.6	3187.6	3697.6	3873.4
15°	716.6	878.9	1027.7	1142.7	1217.4	1304.9	1648.0	2509.5	3526.3	3944.3	4111.3
12.5°	761.3	930.6	1080.7	1187.7	1268.1	1379.2	1942.6	2938.4	3753.0	4138.5	4298.4
10°	803.6	979.2	1128.1	1230.6	1318.3	1451.9	2239.7	3300.5	3940.2	4269.8	4391.7
7.5°	843.5	1021.2	1170.6	1271.1	1367.1	1521.8	2527.8	3599.2	4087.9	4381.2	4456.3
5°	878.4	1055.4	1209.8	1314.8	1416.2	1583.8	2774.5	3838.2	4202.4	4474.0	4522.8
2.5°	908.4	1085.0	1245.3	1357.0	1463.7	1633.2	2893.8	3935.2	4216.9	4514.8	4592.0
0°	933.9	1109.9	1276.6	1396.1	1507.7	1675.9	2962.0	3985.4	4199.3	4526.3	4664.6
-2.5°	954.7	1143.8	1321.2	1437.3	1549.9	1716.4	2957.0	4024.3	4243.5	4630.4	4943.5
-5°	971.1	1172.4	1360.5	1475.5	1588.5	1751.1	2903.9	4013.1	4303.7	4722.5	5115.4
-7.5°	982.8	1194.8	1393.7	1511.5	1626.4	1790.7	2866.0	4061.3	4479.2	4831.8	5185.1
-10°	990.7	1209.5	1413.9	1545.0	1664.7	1829.9	2784.3	4041.1	4643.1	4941.4	5251.9
-12.5°	999.7	1217.8	1426.9	1574.3	1698.1	1860.7	2640.2	3944.6	4795.0	5059.6	5317.3
-15°	1003.5	1220.7	1433.7	1598.9	1726.2	1882.7	2431.0	3765.9	4896.5	5123.9	5359.2
-17.5°	1001.7	1218.0	1434.3	1618.6	1748.7	1895.4	2154.7	3434.9	4737.1	5149.1	5398.0
-20°	994.4	1209.9	1428.7	1633.1	1765.6	1911.1	2110.2	3054.4	4301.7	5130.2	5425.9



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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°	981.4	1196.5	1415.4	1625.0	1784.5	1931.3	2112.3	2659.8	3788.0	5066.2	5428.1
-25°	964.6	1177.5	1394.9	1616.3	1801.2	1944.8	2105.9	2315.2	3279.5	4513.6	5373.8
-27.5°	944.3	1152.0	1374.7	1599.6	1814.5	1953.7	2107.4	2298.8	2830.9	3875.2	5167.2
-30°	918.7	1123.4	1346.5	1573.7	1795.9	1963.2	2107.9	2260.9	2457.4	3299.2	4412.9
-32.5°	889.8	1088.6	1309.3	1535.3	1761.2	1969.5	2095.7	2234.3	2403.2	2705.6	3656.9
-35°	860.6	1052.8	1263.9	1487.8	1717.1	1931.9	2085.3	2209.4	2347.8	2531.8	2966.1
-37.5°	832.2	1011.0	1210.7	1431.0	1656.0	1864.3	2066.1	2188.7	2315.5	2444.9	2625.6
-40°	798.7	963.3	1156.4	1364.9	1576.5	1784.2	1984.4	2167.6	2284.1	2396.3	2513.3
-42.5°	760.5	920.6	1097.9	1288.5	1488.2	1689.9	1893.2	2085.8	2249.4	2349.8	2456.6
-45°	719.3	872.7	1035.0	1210.7	1392.1	1587.1	1783.0	1979.3	2154.2	2310.6	2406.1
-47.5°	672.9	819.6	975.0	1126.8	1295.8	1475.3	1664.1	1848.7	2028.9	2195.1	2357.6
-50°	624.7	762.0	905.3	1047.1	1198.0	1362.0	1535.5	1710.5	1883.3	2052.5	2212.2
-52.5°	581.7	698.9	831.2	965.9	1103.2	1249.3	1403.5	1561.8	1727.5	1892.0	2040.5
-55°	535.1	642.0	752.4	879.4	1009.7	1141.3	1270.1	1412.8	1560.8	1715.7	1854.4
-57.5°	497.5	583.2	680.0	787.8	909.9	1033.5	1147.0	1261.9	1393.5	1531.0	1651.4
-60°	464.3	531.9	610.7	704.1	804.5	916.0	1022.9	1129.0	1235.2	1340.2	1454.1
-62.5°	432.0	490.8	552.5	623.4	712.1	797.9	892.0	990.0	1088.0	1182.0	1273.1
-65°	412.5	453.5	506.1	564.0	621.8	696.6	772.7	848.0	934.5	1019.5	1102.8
-67.5°	391.4	430.1	469.3	512.0	565.1	614.1	662.9	731.0	798.4	862.2	927.6
-70°	371.7	406.1	442.4	479.4	515.2	551.5	596.1	640.3	683.7	730.6	786.8
-72.5°	351.5	383.3	415.9	449.1	481.3	511.4	541.6	571.8	607.2	645.4	682.6
-75°	329.8	359.6	389.4	419.7	447.7	474.3	501.4	528.8	555.6	582.2	609.0
-77.5°	306.7	333.6	361.1	389.0	413.7	437.2	460.9	485.0	508.5	531.8	554.9
-80°	282.7	306.9	331.3	356.1	377.4	398.2	419.1	440.1	460.8	481.3	501.6
-82.5°	257.6	278.8	300.3	322.0	340.3	358.1	375.8	393.7	411.1	428.6	446.0
-85°	233.2	250.2	268.5	286.9	302.2	317.4	332.5	347.5	362.1	376.6	391.0
-87.5°	214.0	229.4	244.7	260.0	272.0	283.9	295.8	307.7	318.8	330.0	341.2
-90°	5.9	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	311.3	317.2	323.1	329.0	334.9	340.0	345.1	350.2	355.3	358.5	361.6
87.5°	3.1	3.0	3.0	3.0	3.0	2.6	2.3	2.0	1.6	1.6	1.6
85°	3.1	3.1	3.1	3.1	3.1	2.7	2.4	2.0	1.6	1.6	1.6
82.5°	3.8	3.8	3.6	3.4	3.1	3.0	3.0	2.9	2.9	3.0	3.0
80°	4.7	4.4	4.0	3.6	3.2	3.1	3.1	3.1	3.1	3.1	3.1
77.5°	4.8	4.4	4.0	3.6	3.2	3.1	3.1	3.1	3.1	3.1	3.1
75°	4.9	4.7	4.9	4.9	4.7	4.7	4.7	4.6	4.4	4.2	3.9
72.5°	9.3	9.7	9.6	9.9	9.9	10.2	10.6	10.8	10.8	10.9	11.0
70°	17.7	18.3	18.7	18.5	17.4	16.5	16.1	15.6	15.1	15.5	16.4
67.5°	26.9	25.0	24.1	22.7	20.3	18.1	16.9	15.5	14.1	13.4	13.2
65°	33.4	26.3	22.9	20.3	18.3	15.9	13.7	11.8	10.1	9.1	8.7
62.5°	31.7	22.6	17.8	15.0	12.5	10.4	8.6	7.2	6.2	5.7	5.8
60°	27.1	17.7	12.4	10.0	7.5	5.0	4.6	4.4	4.0	3.7	4.0
57.5°	24.2	15.9	9.7	9.5	8.2	5.9	5.1	5.1	4.4	3.1	3.6
55°	27.0	22.8	15.8	16.2	15.8	13.4	11.4	13.6	13.1	10.2	11.2
52.5°	40.5	46.4	37.9	35.1	48.0	47.6	37.2	50.8	58.3	57.1	58.3
50°	95.2	107.6	120.6	110.5	135.6	150.6	147.3	165.1	183.3	182.9	188.5
47.5°	225.7	259.7	263.4	270.3	299.0	335.4	365.1	386.0	396.7	392.3	395.4
45°	403.8	411.5	429.2	468.3	517.1	575.9	620.7	646.7	734.5	796.7	833.1
42.5°	535.3	559.3	602.5	705.6	781.1	954.7	1164.7	1246.1	1349.4	1401.7	1405.0
40°	667.1	728.0	906.6	1094.4	1502.1	1805.3	1823.4	1951.9	2011.1	1945.9	1936.2
37.5°	884.9	1111.0	1417.9	1851.8	2041.5	2123.9	2169.2	2185.5	2197.5	2186.6	2181.0
35°	1313.9	1707.4	2008.6	2150.1	2235.8	2238.5	2249.0	2247.6	2233.5	2226.2	2210.6
32.5°	1946.8	2322.1	2331.3	2320.3	2338.2	2328.0	2308.3	2299.2	2268.7	2250.4	2256.6
30°	2599.5	2601.6	2564.5	2478.5	2435.5	2422.3	2393.8	2370.4	2341.6	2345.9	2446.3
27.5°	2858.3	2826.6	2774.8	2700.6	2556.5	2528.3	2505.4	2495.5	2616.2	2726.4	2824.8
25°	3148.1	3065.9	3037.4	2972.7	2824.5	2660.4	2732.6	2846.0	3003.7	3168.0	3326.5
22.5°	3398.6	3339.3	3320.9	3296.9	3055.0	2984.3	3083.2	3269.9	3485.4	3770.8	4585.9
20°	3645.5	3581.3	3560.4	3439.6	3312.8	3330.3	3514.2	3839.7	4442.5	6608.1	9252.7
17.5°	3853.1	3786.7	3714.9	3574.1	3533.8	3710.3	4078.2	5221.6	8066.4	15174.8	22399.5
15°	4046.5	3959.3	3837.3	3744.9	3821.3	4150.0	5061.4	8957.3	18171.9	30103.3	45146.7
12.5°	4218.4	4084.9	3914.2	3866.2	4098.7	4652.2	8226.8	17576.6	31671.8	48669.6	83985.9
10°	4338.0	4165.0	4016.1	4098.8	4468.4	5954.3	11838.7	26351.3	47203.8	85221.6	129189.4
7.5°	4389.4	4232.8	4146.1	4323.8	4817.3	7646.8	17821.9	36444.0	66670.0	117790.8	187942.5
5°	4447.6	4339.5	4291.2	4546.6	5153.3	9025.7	22124.8	44937.4	87486.8	148380.1	238717.9
2.5°	4565.3	4462.4	4428.8	4742.1	5447.3	10311.3	25487.3	51540.5	101278.2	173905.2	283776.6
0°	4773.1	4559.3	4532.6	4839.1	5565.5	10896.7	27693.7	55522.6	107837.9	184826.8	305946.3
-2.5°	4938.1	4683.4	4632.4	4905.9	5617.5	10609.9	27469.9	55385.3	105161.7	181176.5	291867.5
-5°	5082.0	4826.5	4756.2	5010.3	5731.8	10599.2	26014.6	50819.2	94100.5	159202.9	245974.1
-7.5°	5210.1	4989.2	4885.2	5087.3	5746.9	9491.8	21041.5	41840.1	75216.9	124296.8	190381.2
-10°	5345.2	5175.5	5033.8	5169.0	5682.9	7552.3	14076.6	30160.0	53566.4	90138.5	135484.8
-12.5°	5499.6	5414.1	5205.8	5225.4	5596.5	6373.0	10404.0	21056.2	37189.1	56781.5	89651.2
-15°	5630.5	5626.7	5452.3	5396.9	5581.3	6079.2	7258.6	11693.1	22558.8	36500.3	52760.4
-17.5°	5657.8	5797.2	5730.5	5561.0	5571.9	5851.0	6337.1	7748.8	11331.5	20083.3	29757.9
-20°	5675.4	5973.1	5980.1	5842.5	5721.9	5690.8	5913.0	6324.8	7125.3	10082.8	13975.7



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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°	5702.3	5985.2	6186.5	6148.5	5911.7	5773.4	5723.6	5879.5	6150.4	6532.1	7795.2
-25°	5715.1	5979.1	6267.2	6346.2	6246.9	5993.6	5804.1	5698.3	5794.1	5915.3	6162.3
-27.5°	5660.6	5969.6	6248.9	6483.1	6511.6	6345.9	6067.4	5841.4	5753.6	5670.4	5772.1
-30°	5570.0	5915.3	6207.3	6495.3	6610.6	6557.6	6411.8	6228.3	6014.3	5847.8	5789.3
-32.5°	4828.4	5833.9	6133.0	6382.7	6572.7	6627.0	6628.5	6530.3	6438.8	6310.4	6160.0
-35°	3978.1	5093.3	6066.7	6192.4	6366.7	6546.5	6680.2	6684.7	6674.0	6613.2	6549.8
-37.5°	3092.4	4131.7	5067.8	5817.2	6080.7	6292.5	6521.3	6675.9	6773.0	6755.5	6743.8
-40°	2692.3	3019.8	3895.6	4659.5	5300.4	5903.3	6151.2	6429.0	6652.5	6730.3	6782.7
-42.5°	2568.7	2708.8	2851.4	3430.3	4090.5	4671.2	5217.3	5738.1	6203.1	6466.6	6650.0
-45°	2500.9	2578.9	2666.2	2795.1	2906.6	3387.5	3876.8	4352.1	4932.2	5466.3	5929.4
-47.5°	2438.2	2499.2	2566.8	2633.1	2695.0	2782.3	2858.0	2992.9	3427.5	3865.6	4305.3
-50°	2337.2	2438.0	2494.1	2543.6	2587.4	2627.9	2662.9	2723.8	2796.0	2858.9	2922.4
-52.5°	2168.5	2281.9	2389.7	2471.3	2505.6	2539.2	2573.7	2619.9	2662.6	2701.6	2731.6
-55°	1979.2	2094.1	2202.7	2285.4	2359.6	2427.9	2488.8	2529.7	2569.6	2608.0	2637.3
-57.5°	1771.1	1888.2	1994.4	2073.7	2148.0	2216.8	2283.9	2348.2	2407.2	2460.3	2505.5
-60°	1560.4	1659.3	1755.2	1839.0	1915.6	1984.6	2050.8	2114.2	2172.2	2224.3	2269.7
-62.5°	1362.5	1454.0	1530.0	1598.6	1664.4	1728.1	1795.1	1856.9	1913.0	1964.2	2011.2
-65°	1184.1	1263.0	1320.4	1374.1	1424.9	1479.6	1538.6	1592.9	1642.5	1688.5	1730.9
-67.5°	1000.6	1068.9	1119.4	1165.9	1209.1	1252.7	1299.9	1343.8	1384.3	1423.0	1459.2
-70°	841.3	888.9	924.0	959.7	998.2	1037.4	1078.0	1115.0	1148.3	1180.0	1209.2
-72.5°	718.7	748.0	772.7	803.1	830.6	859.8	890.0	917.9	943.5	968.3	991.6
-75°	635.8	657.3	677.4	696.3	713.8	734.8	756.5	777.1	796.4	814.5	831.7
-77.5°	578.1	594.8	608.6	621.8	634.2	650.5	667.5	684.1	700.2	713.8	726.5
-80°	521.7	535.2	547.0	558.4	569.3	583.4	597.6	611.5	625.0	637.4	649.3
-82.5°	463.3	474.3	484.3	494.0	503.4	515.3	527.1	538.5	549.6	559.8	569.7
-85°	405.3	413.6	421.5	429.1	436.5	446.1	455.7	465.1	474.3	480.9	487.3
-87.5°	352.4	358.6	364.6	370.4	376.2	383.2	390.1	397.0	403.9	408.3	412.6
-90°	3.1	2.7	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6



REPORT NUMBER: P1305836 (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°	364.8	367.9	367.1	366.3	367.1	367.9	364.8	361.6	358.5	355.3	350.2
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
82.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9
80°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
77.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
75°	3.5	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.2	4.4	4.6
72.5°	11.0	10.8	10.9	11.0	10.9	10.8	11.0	11.0	10.9	10.8	10.8
70°	17.5	18.6	18.8	18.9	18.8	18.6	17.5	16.4	15.5	15.1	15.6
67.5°	13.0	12.8	11.9	11.0	11.9	12.8	13.0	13.2	13.4	14.1	15.5
65°	8.3	8.1	7.9	7.9	7.9	8.1	8.3	8.7	9.1	10.1	11.8
62.5°	6.0	6.3	6.3	6.3	6.3	6.3	6.0	5.8	5.7	6.2	7.2
60°	4.3	4.7	4.7	4.7	4.7	4.7	4.3	4.0	3.7	4.0	4.4
57.5°	4.1	4.6	4.7	4.7	4.7	4.6	4.1	3.6	3.1	4.4	5.1
55°	12.0	12.3	11.9	11.0	11.9	12.3	12.0	11.2	10.2	13.1	13.6
52.5°	57.3	52.9	46.1	37.7	46.1	52.9	57.3	58.3	57.1	58.3	50.8
50°	199.5	204.8	200.1	185.5	200.1	204.8	199.5	188.5	182.9	183.3	165.1
47.5°	410.9	415.4	401.2	367.9	401.2	415.4	410.9	395.4	392.3	396.7	386.0
45°	860.3	853.7	779.6	625.7	779.6	853.7	860.3	833.1	796.7	734.5	646.7
42.5°	1483.7	1549.8	1588.7	1589.5	1588.7	1549.8	1483.7	1405.0	1401.7	1349.4	1246.1
40°	1920.4	1842.8	1758.2	1745.1	1758.2	1842.8	1920.4	1936.2	1945.9	2011.1	1951.9
37.5°	2167.7	2184.0	2174.6	1991.9	2174.6	2184.0	2167.7	2181.0	2186.6	2197.5	2185.5
35°	2246.5	2369.3	2495.8	2521.8	2495.8	2369.3	2246.5	2210.6	2226.2	2233.5	2247.6
32.5°	2284.6	2326.7	2338.2	2342.5	2338.2	2326.7	2284.6	2256.6	2250.4	2268.7	2299.2
30°	2492.6	2520.1	2516.0	2510.7	2516.0	2520.1	2492.6	2446.3	2345.9	2341.6	2370.4
27.5°	2871.2	2916.7	2937.0	2951.0	2937.0	2916.7	2871.2	2824.8	2726.4	2616.2	2495.5
25°	3413.2	3482.8	3530.6	3551.5	3530.6	3482.8	3413.2	3326.5	3168.0	3003.7	2846.0
22.5°	5527.1	6009.4	6486.8	6733.6	6486.8	6009.4	5527.1	4585.9	3770.8	3485.4	3269.9
20°	13797.9	15881.8	16833.6	17111.4	16833.6	15881.8	13797.9	9252.7	6608.1	4442.5	3839.7
17.5°	32132.4	40031.9	45315.6	40686.0	45315.6	40031.9	32132.4	22399.5	15174.8	8066.4	5221.6
15°	65767.8	85774.3	96969.4	90669.9	96969.4	85774.3	65767.8	45146.7	30103.3	18171.9	8957.3
12.5°	118494.6	149717.9	170688.6	163773.2	170688.6	149717.9	118494.6	83985.9	48669.6	31671.8	17576.6
10°	186508.0	249293.1	291099.3	301434.2	291099.3	249293.1	186508.0	129189.4	85221.6	47203.8	26351.3
7.5°	270658.7	348395.4	409756.7	419253.8	409756.7	348395.4	270658.7	187942.5	117790.8	66670.0	36444.0
5°	352983.0	444741.1	508586.3	525161.1	508586.3	444741.1	352983.0	238717.9	148380.1	87486.8	44937.4
2.5°	404079.4	503950.7	580855.7	614730.5	580855.7	503950.7	404079.4	283776.6	173905.2	101278.2	51540.5
0°	422317.2	526620.1	610061.9	658653.6	610061.9	526620.1	422317.2	305946.3	184826.8	107837.9	55522.6
-2.5°	408177.1	502633.1	573072.9	606852.3	573072.9	502633.1	408177.1	291867.5	181176.5	105161.7	55385.3
-5°	347651.7	441500.5	498811.6	526327.6	498811.6	441500.5	347651.7	245974.1	159202.9	94100.5	50819.2
-7.5°	271658.8	346773.4	396262.7	421296.0	396262.7	346773.4	271658.8	190381.2	124296.8	75216.9	41840.1
-10°	190079.6	249673.2	283033.0	303459.2	283033.0	249673.2	190079.6	135484.8	90138.5	53566.4	30160.0
-12.5°	123675.1	158362.2	177045.9	190132.8	177045.9	158362.2	123675.1	89651.2	56781.5	37189.1	21056.2
-15°	75078.2	91983.2	102126.9	108485.6	102126.9	91983.2	75078.2	52760.4	36500.3	22558.8	11693.1
-17.5°	41904.2	49165.1	54306.4	57151.3	54306.4	49165.1	41904.2	29757.9	20083.3	11331.5	7748.8
-20°	20793.0	25386.2	28403.3	29669.9	28403.3	25386.2	20793.0	13975.7	10082.8	7125.3	6324.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9596.1	10823.1	11635.4	12022.3	11635.4	10823.1	9596.1	7795.2	6532.1	6150.4	5879.5
-25°	6402.5	6595.0	6736.5	6798.0	6736.5	6595.0	6402.5	6162.3	5915.3	5794.1	5698.3
-27.5°	5864.3	5966.3	6050.9	6084.3	6050.9	5966.3	5864.3	5772.1	5670.4	5753.6	5841.4
-30°	5744.4	5748.9	5772.8	5773.0	5772.8	5748.9	5744.4	5789.3	5847.8	6014.3	6228.3
-32.5°	6046.3	5980.0	5951.1	5982.1	5951.1	5980.0	6046.3	6160.0	6310.4	6438.8	6530.3
-35°	6507.5	6489.6	6491.1	6524.5	6491.1	6489.6	6507.5	6549.8	6613.2	6674.0	6684.7
-37.5°	6746.8	6760.9	6776.8	6780.7	6776.8	6760.9	6746.8	6743.8	6755.5	6773.0	6675.9
-40°	6813.2	6840.7	6861.5	6868.8	6861.5	6840.7	6813.2	6782.7	6730.3	6652.5	6429.0
-42.5°	6730.9	6785.7	6814.7	6821.6	6814.7	6785.7	6730.9	6650.0	6466.6	6203.1	5738.1
-45°	6265.6	6509.6	6647.6	6684.8	6647.6	6509.6	6265.6	5929.4	5466.3	4932.2	4352.1
-47.5°	4732.9	5115.9	5382.5	5505.7	5382.5	5115.9	4732.9	4305.3	3865.6	3427.5	2992.9
-50°	2989.0	3052.1	3099.3	3128.6	3099.3	3052.1	2989.0	2922.4	2858.9	2796.0	2723.8
-52.5°	2757.6	2780.8	2794.3	2800.0	2794.3	2780.8	2757.6	2731.6	2701.6	2662.6	2619.9
-55°	2662.3	2683.8	2693.2	2694.7	2693.2	2683.8	2662.3	2637.3	2608.0	2569.6	2529.7
-57.5°	2544.6	2577.3	2591.7	2594.1	2591.7	2577.3	2544.6	2505.5	2460.3	2407.2	2348.2
-60°	2308.1	2339.8	2355.4	2361.4	2355.4	2339.8	2308.1	2269.7	2224.3	2172.2	2114.2
-62.5°	2052.0	2086.4	2096.9	2095.7	2096.9	2086.4	2052.0	2011.2	1964.2	1913.0	1856.9
-65°	1768.0	1799.6	1808.6	1808.0	1808.6	1799.6	1768.0	1730.9	1688.5	1642.5	1592.9
-67.5°	1491.4	1519.3	1528.9	1531.3	1528.9	1519.3	1491.4	1459.2	1423.0	1384.3	1343.8
-70°	1234.8	1256.8	1262.3	1262.4	1262.3	1256.8	1234.8	1209.2	1180.0	1148.3	1115.0
-72.5°	1012.7	1031.7	1034.9	1034.5	1034.9	1031.7	1012.7	991.6	968.3	943.5	917.9
-75°	847.8	862.8	863.3	861.5	863.3	862.8	847.8	831.7	814.5	796.4	777.1
-77.5°	738.4	749.5	751.9	753.1	751.9	749.5	738.4	726.5	713.8	700.2	684.1
-80°	660.6	671.3	671.0	669.7	671.0	671.3	660.6	649.3	637.4	625.0	611.5
-82.5°	579.3	588.4	588.5	588.0	588.5	588.4	579.3	569.7	559.8	549.6	538.5
-85°	493.4	499.3	499.0	498.4	499.0	499.3	493.4	487.3	480.9	474.3	465.1
-87.5°	416.9	421.1	421.2	421.3	421.2	421.1	416.9	412.6	408.3	403.9	397.0
-90°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	345.1	340.0	334.9	329.0	323.1	317.2	311.3	302.7	294.0	285.4	276.7
87.5°	2.3	2.6	3.0	3.0	3.0	3.0	3.1	3.5	3.9	4.3	4.7
85°	2.4	2.7	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.3	4.7
82.5°	3.0	3.0	3.1	3.4	3.6	3.8	3.8	4.0	4.2	4.4	4.7
80°	3.1	3.1	3.2	3.6	4.0	4.4	4.7	4.8	4.8	4.7	4.8
77.5°	3.1	3.1	3.2	3.6	4.0	4.4	4.8	5.2	5.4	5.6	5.6
75°	4.7	4.7	4.7	4.9	4.9	4.7	4.9	5.3	5.7	6.1	6.3
72.5°	10.6	10.2	9.9	9.9	9.6	9.7	9.3	8.6	7.8	6.9	6.5
70°	16.1	16.5	17.4	18.5	18.7	18.3	17.7	16.1	13.4	11.5	10.3
67.5°	16.9	18.1	20.3	22.7	24.1	25.0	26.9	27.9	26.7	23.8	18.3
65°	13.7	15.9	18.3	20.3	22.9	26.3	33.4	37.2	38.1	37.0	30.8
62.5°	8.6	10.4	12.5	15.0	17.8	22.6	31.7	39.3	45.6	47.5	40.8
60°	4.6	5.0	7.5	10.0	12.4	17.7	27.1	37.1	47.6	48.9	46.7
57.5°	5.1	5.9	8.2	9.5	9.7	15.9	24.2	32.2	42.0	47.6	47.9
55°	11.4	13.4	15.8	16.2	15.8	22.8	27.0	31.8	40.8	46.4	50.0
52.5°	37.2	47.6	48.0	35.1	37.9	46.4	40.5	43.4	51.1	58.4	58.9
50°	147.3	150.6	135.6	110.5	120.6	107.6	95.2	79.8	90.7	93.1	80.4
47.5°	365.1	335.4	299.0	270.3	263.4	259.7	225.7	183.7	196.0	157.6	138.9
45°	620.7	575.9	517.1	468.3	429.2	411.5	403.8	377.5	352.6	318.4	223.4
42.5°	1164.7	954.7	781.1	705.6	602.5	559.3	535.3	531.1	519.4	497.6	425.5
40°	1823.4	1805.3	1502.1	1094.4	906.6	728.0	667.1	640.8	640.6	636.8	597.4
37.5°	2169.2	2123.9	2041.5	1851.8	1417.9	1111.0	884.9	761.6	730.7	729.1	701.9
35°	2249.0	2238.5	2235.8	2150.1	2008.6	1707.4	1313.9	989.9	839.5	805.3	790.4
32.5°	2308.3	2328.0	2338.2	2320.3	2331.3	2322.1	1946.8	1444.3	1002.9	901.3	865.1
30°	2393.8	2422.3	2435.5	2478.5	2564.5	2601.6	2599.5	2010.6	1399.0	1002.8	946.0
27.5°	2505.4	2528.3	2556.5	2700.6	2774.8	2826.6	2858.3	2687.9	1838.2	1282.4	1040.6
25°	2732.6	2660.4	2824.5	2972.7	3037.4	3065.9	3148.1	3071.5	2491.5	1610.8	1138.7
22.5°	3083.2	2984.3	3055.0	3296.9	3320.9	3339.3	3398.6	3416.9	3144.2	2085.4	1425.1
20°	3514.2	3330.3	3312.8	3439.6	3560.4	3581.3	3645.5	3675.3	3422.8	2665.4	1749.4
17.5°	4078.2	3710.3	3533.8	3574.1	3714.9	3786.7	3853.1	3873.4	3697.6	3187.6	2075.6
15°	5061.4	4150.0	3821.3	3744.9	3837.3	3959.3	4046.5	4111.3	3944.3	3526.3	2509.5
12.5°	8226.8	4652.2	4098.7	3866.2	3914.2	4084.9	4218.4	4298.4	4138.5	3753.0	2938.4
10°	11838.7	5954.3	4468.4	4098.8	4016.1	4165.0	4338.0	4391.7	4269.8	3940.2	3300.5
7.5°	17821.9	7646.8	4817.3	4323.8	4146.1	4232.8	4389.4	4456.3	4381.2	4087.9	3599.2
5°	22124.8	9025.7	5153.3	4546.6	4291.2	4339.5	4447.6	4522.8	4474.0	4202.4	3838.2
2.5°	25487.3	10311.3	5447.3	4742.1	4428.8	4462.4	4565.3	4592.0	4514.8	4216.9	3935.2
0°	27693.7	10896.7	5565.5	4839.1	4532.6	4559.3	4773.1	4664.6	4526.3	4199.3	3985.4
-2.5°	27469.9	10609.9	5617.5	4905.9	4632.4	4683.4	4938.1	4943.5	4630.4	4243.5	4024.3
-5°	26014.6	10599.2	5731.8	5010.3	4756.2	4826.5	5082.0	5115.4	4722.5	4303.7	4013.1
-7.5°	21041.5	9491.8	5746.9	5087.3	4885.2	4989.2	5210.1	5185.1	4831.8	4479.2	4061.3
-10°	14076.6	7552.3	5682.9	5169.0	5033.8	5175.5	5345.2	5251.9	4941.4	4643.1	4041.1
-12.5°	10404.0	6373.0	5596.5	5225.4	5205.8	5414.1	5499.6	5317.3	5059.6	4795.0	3944.6
-15°	7258.6	6079.2	5581.3	5396.9	5452.3	5626.7	5630.5	5359.2	5123.9	4896.5	3765.9
-17.5°	6337.1	5851.0	5571.9	5561.0	5730.5	5797.2	5657.8	5398.0	5149.1	4737.1	3434.9
-20°	5913.0	5690.8	5721.9	5842.5	5980.1	5973.1	5675.4	5425.9	5130.2	4301.7	3054.4



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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°	5723.6	5773.4	5911.7	6148.5	6186.5	5985.2	5702.3	5428.1	5066.2	3788.0	2659.8
-25°	5804.1	5993.6	6246.9	6346.2	6267.2	5979.1	5715.1	5373.8	4513.6	3279.5	2315.2
-27.5°	6067.4	6345.9	6511.6	6483.1	6248.9	5969.6	5660.6	5167.2	3875.2	2830.9	2298.8
-30°	6411.8	6557.6	6610.6	6495.3	6207.3	5915.3	5570.0	4412.9	3299.2	2457.4	2260.9
-32.5°	6628.5	6627.0	6572.7	6382.7	6133.0	5833.9	4828.4	3656.9	2705.6	2403.2	2234.3
-35°	6680.2	6546.5	6366.7	6192.4	6066.7	5093.3	3978.1	2966.1	2531.8	2347.8	2209.4
-37.5°	6521.3	6292.5	6080.7	5817.2	5067.8	4131.7	3092.4	2625.6	2444.9	2315.5	2188.7
-40°	6151.2	5903.3	5300.4	4659.5	3895.6	3019.8	2692.3	2513.3	2396.3	2284.1	2167.6
-42.5°	5217.3	4671.2	4090.5	3430.3	2851.4	2708.8	2568.7	2456.6	2349.8	2249.4	2085.8
-45°	3876.8	3387.5	2906.6	2795.1	2666.2	2578.9	2500.9	2406.1	2310.6	2154.2	1979.3
-47.5°	2858.0	2782.3	2695.0	2633.1	2566.8	2499.2	2438.2	2357.6	2195.1	2028.9	1848.7
-50°	2662.9	2627.9	2587.4	2543.6	2494.1	2438.0	2337.2	2212.2	2052.5	1883.3	1710.5
-52.5°	2573.7	2539.2	2505.6	2471.3	2389.7	2281.9	2168.5	2040.5	1892.0	1727.5	1561.8
-55°	2488.8	2427.9	2359.6	2285.4	2202.7	2094.1	1979.2	1854.4	1715.7	1560.8	1412.8
-57.5°	2283.9	2216.8	2148.0	2073.7	1994.4	1888.2	1771.1	1651.4	1531.0	1393.5	1261.9
-60°	2050.8	1984.6	1915.6	1839.0	1755.2	1659.3	1560.4	1454.1	1340.2	1235.2	1129.0
-62.5°	1795.1	1728.1	1664.4	1598.6	1530.0	1454.0	1362.5	1273.1	1182.0	1088.0	990.0
-65°	1538.6	1479.6	1424.9	1374.1	1320.4	1263.0	1184.1	1102.8	1019.5	934.5	848.0
-67.5°	1299.9	1252.7	1209.1	1165.9	1119.4	1068.9	1000.6	927.6	862.2	798.4	731.0
-70°	1078.0	1037.4	998.2	959.7	924.0	888.9	841.3	786.8	730.6	683.7	640.3
-72.5°	890.0	859.8	830.6	803.1	772.7	748.0	718.7	682.6	645.4	607.2	571.8
-75°	756.5	734.8	713.8	696.3	677.4	657.3	635.8	609.0	582.2	555.6	528.8
-77.5°	667.5	650.5	634.2	621.8	608.6	594.8	578.1	554.9	531.8	508.5	485.0
-80°	597.6	583.4	569.3	558.4	547.0	535.2	521.7	501.6	481.3	460.8	440.1
-82.5°	527.1	515.3	503.4	494.0	484.3	474.3	463.3	446.0	428.6	411.1	393.7
-85°	455.7	446.1	436.5	429.1	421.5	413.6	405.3	391.0	376.6	362.1	347.5
-87.5°	390.1	383.2	376.2	370.4	364.6	358.6	352.4	341.2	330.0	318.8	307.7
-90°	1.6	1.6	1.6	2.0	2.4	2.7	3.1	3.5	3.9	4.3	4.7



REPORT NUMBER: P1305836 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	266.5	256.3	246.0	235.8	222.1	208.3	194.6	180.8	166.3	151.7	137.2
87.5°	4.7	4.7	4.7	4.7	5.1	5.5	5.9	6.3	6.3	6.3	6.3
85°	4.7	4.7	4.7	4.7	5.1	5.5	5.9	6.3	6.3	6.3	6.3
82.5°	4.7	4.7	4.7	4.7	5.1	5.5	5.9	6.3	6.4	6.3	6.3
80°	5.0	5.2	5.2	5.2	5.4	5.6	6.0	6.4	6.8	6.9	6.8
77.5°	5.6	5.7	6.0	6.2	6.3	6.4	6.5	6.6	7.1	7.5	7.5
75°	6.3	6.2	6.2	6.6	7.1	7.2	7.2	7.5	8.1	8.2	8.3
72.5°	6.7	6.8	6.6	6.9	7.7	8.2	8.2	8.5	9.4	9.7	9.3
70°	9.1	7.9	7.5	8.3	9.1	9.2	9.5	10.3	10.9	11.3	11.0
67.5°	13.3	11.8	10.3	10.4	11.2	11.6	11.1	12.4	13.4	13.0	12.7
65°	24.3	18.5	14.2	15.2	14.9	14.2	14.0	15.2	16.1	15.9	14.5
62.5°	34.2	27.7	23.3	21.6	20.4	19.1	17.3	19.3	19.3	19.0	17.2
60°	43.1	35.9	33.5	32.3	28.6	25.0	24.0	23.8	23.9	22.2	20.4
57.5°	45.5	42.8	45.6	44.3	40.1	34.0	32.2	31.4	28.7	26.7	24.0
55°	47.8	48.3	58.7	58.9	53.5	45.9	43.7	41.2	35.0	31.6	28.3
52.5°	55.3	63.0	73.7	75.8	69.8	61.5	60.2	51.9	45.5	36.8	34.2
50°	73.1	87.6	96.3	96.8	88.4	85.3	78.3	69.0	56.8	43.7	40.8
47.5°	123.5	135.8	128.3	123.7	113.5	113.1	104.1	87.9	68.7	54.8	47.9
45°	224.3	212.8	184.3	160.6	151.2	150.0	135.0	108.1	87.2	68.4	55.4
42.5°	347.0	322.4	279.0	202.7	203.4	193.2	169.1	138.2	106.7	82.7	66.1
40°	513.7	451.7	391.6	312.6	263.4	241.4	212.3	172.0	127.3	99.3	78.9
37.5°	665.9	588.8	522.2	421.4	337.5	302.0	259.8	208.1	153.9	120.1	92.0
35°	757.9	713.4	637.7	526.7	433.2	367.4	310.6	248.6	187.3	141.3	105.4
32.5°	837.0	810.5	733.4	627.4	523.2	437.3	368.9	290.9	220.0	162.9	119.0
30°	910.7	882.7	828.4	720.8	608.8	516.1	427.6	331.4	252.0	184.8	133.8
27.5°	987.7	955.3	917.7	807.9	691.0	589.9	477.4	370.0	283.1	208.7	151.8
25°	1067.0	1026.3	984.7	893.9	767.1	648.6	525.1	407.0	315.2	234.9	169.6
22.5°	1157.3	1094.5	1051.5	978.8	836.2	707.9	572.9	447.6	346.6	260.2	187.3
20°	1246.6	1160.4	1115.7	1047.5	904.7	767.2	621.9	486.0	376.1	284.4	204.5
17.5°	1366.5	1230.0	1166.6	1095.9	969.1	824.2	669.9	522.1	403.8	307.4	221.4
15°	1648.0	1304.9	1217.4	1142.7	1027.7	878.9	716.6	555.6	429.6	329.1	236.8
12.5°	1942.6	1379.2	1268.1	1187.7	1080.7	930.6	761.3	586.6	453.4	348.9	250.3
10°	2239.7	1451.9	1318.3	1230.6	1128.1	979.2	803.6	618.5	479.4	367.0	262.7
7.5°	2527.8	1521.8	1367.1	1271.1	1170.6	1021.2	843.5	655.7	504.9	383.7	273.9
5°	2774.5	1583.8	1416.2	1314.8	1209.8	1055.4	878.4	690.5	528.8	399.0	283.9
2.5°	2893.8	1633.2	1463.7	1357.0	1245.3	1085.0	908.4	722.6	550.9	412.7	292.7
0°	2962.0	1675.9	1507.7	1396.1	1276.6	1109.9	933.9	751.5	570.7	424.5	300.3
-2.5°	2957.0	1716.4	1549.9	1437.3	1321.2	1143.8	954.7	767.6	586.0	438.4	310.6
-5°	2903.9	1751.1	1588.5	1475.5	1360.5	1172.4	971.1	780.1	598.6	450.1	319.5
-7.5°	2866.0	1790.7	1626.4	1511.5	1393.7	1194.8	982.8	788.8	608.5	459.6	327.0
-10°	2784.3	1829.9	1664.7	1545.0	1413.9	1209.5	990.7	794.0	615.8	466.7	332.9
-12.5°	2640.2	1860.7	1698.1	1574.3	1426.9	1217.8	999.7	799.3	620.7	471.4	337.3
-15°	2431.0	1882.7	1726.2	1598.9	1433.7	1220.7	1003.5	802.4	625.1	474.0	339.9
-17.5°	2154.7	1895.4	1748.7	1618.6	1434.3	1218.0	1001.7	801.1	626.4	474.9	341.9
-20°	2110.2	1911.1	1765.6	1633.1	1428.7	1209.9	994.4	795.4	624.5	473.3	342.9



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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°	2112.3	1931.3	1784.5	1625.0	1415.4	1196.5	981.4	785.2	619.3	469.1	342.0
-25°	2105.9	1944.8	1801.2	1616.3	1394.9	1177.5	964.6	770.4	610.9	462.3	339.1
-27.5°	2107.4	1953.7	1814.5	1599.6	1374.7	1152.0	944.3	757.9	599.8	452.9	334.3
-30°	2107.9	1963.2	1795.9	1573.7	1346.5	1123.4	918.7	741.8	586.7	444.1	327.5
-32.5°	2095.7	1969.5	1761.2	1535.3	1309.3	1088.6	889.8	721.9	570.6	434.7	323.8
-35°	2085.3	1931.9	1717.1	1487.8	1263.9	1052.8	860.6	698.2	551.5	422.9	320.3
-37.5°	2066.1	1864.3	1656.0	1431.0	1210.7	1011.0	832.2	673.7	529.5	408.7	315.4
-40°	1984.4	1784.2	1576.5	1364.9	1156.4	963.3	798.7	645.7	509.0	392.0	309.1
-42.5°	1893.2	1689.9	1488.2	1288.5	1097.9	920.6	760.5	613.3	486.9	379.9	301.5
-45°	1783.0	1587.1	1392.1	1210.7	1035.0	872.7	719.3	577.6	461.8	369.5	294.9
-47.5°	1664.1	1475.3	1295.8	1126.8	975.0	819.6	672.9	546.0	434.1	357.5	290.6
-50°	1535.5	1362.0	1198.0	1047.1	905.3	762.0	624.7	511.0	417.1	342.9	285.4
-52.5°	1403.5	1249.3	1103.2	965.9	831.2	698.9	581.7	474.7	398.1	332.3	279.3
-55°	1270.1	1141.3	1009.7	879.4	752.4	642.0	535.1	450.3	377.0	323.2	272.5
-57.5°	1147.0	1033.5	909.9	787.8	680.0	583.2	497.5	423.5	362.9	313.1	266.6
-60°	1022.9	916.0	804.5	704.1	610.7	531.9	464.3	399.4	350.2	302.6	259.5
-62.5°	892.0	797.9	712.1	623.4	552.5	490.8	432.0	383.7	336.5	293.0	251.6
-65°	772.7	696.6	621.8	564.0	506.1	453.5	412.5	367.0	323.8	282.7	242.9
-67.5°	662.9	614.1	565.1	512.0	469.3	430.1	391.4	351.1	310.8	271.6	233.5
-70°	596.1	551.5	515.2	479.4	442.4	406.1	371.7	335.1	296.9	259.4	223.4
-72.5°	541.6	511.4	481.3	449.1	415.9	383.3	351.5	317.9	281.5	246.4	212.7
-75°	501.4	474.3	447.7	419.7	389.4	359.6	329.8	298.9	265.3	232.8	201.4
-77.5°	460.9	437.2	413.7	389.0	361.1	333.6	306.7	279.2	248.3	218.4	189.6
-80°	419.1	398.2	377.4	356.1	331.3	306.9	282.7	258.2	230.4	203.4	177.3
-82.5°	375.8	358.1	340.3	322.0	300.3	278.8	257.6	236.4	211.8	187.9	165.9
-85°	332.5	317.4	302.2	286.9	268.5	250.2	233.2	216.0	195.8	175.9	156.6
-87.5°	295.8	283.9	272.0	260.0	244.7	229.4	214.0	198.6	181.2	164.0	147.0
-90°	4.7	4.7	4.7	4.7	5.1	5.5	5.9	6.3	6.3	6.3	6.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	122.6	102.2	81.7	61.3	40.9	25.1	9.4
87.5°	6.3	6.5	6.6	6.6	6.6	8.1	9.4
85°	6.3	6.6	6.8	6.9	6.9	8.4	9.4
82.5°	6.3	6.8	7.1	7.2	7.1	8.7	9.4
80°	6.5	7.0	7.4	7.5	7.5	9.0	9.4
77.5°	7.3	7.5	7.7	7.8	7.8	9.3	9.4
75°	8.3	8.6	8.2	8.2	8.1	9.6	9.4
72.5°	9.3	9.7	9.3	8.5	8.5	9.9	9.4
70°	10.5	10.9	10.5	9.0	8.9	10.2	9.4
67.5°	12.5	12.1	11.6	10.0	9.3	10.5	9.4
65°	14.7	13.9	12.8	11.1	9.7	10.8	9.4
62.5°	17.0	16.2	14.1	12.1	10.2	11.1	9.4
60°	19.5	18.6	15.3	13.2	10.7	11.4	9.4
57.5°	23.3	21.1	17.5	14.2	11.7	11.7	9.4
55°	27.5	23.7	19.8	15.3	12.8	12.1	9.4
52.5°	32.0	26.6	22.1	16.4	14.0	12.4	9.4
50°	36.7	30.7	24.4	17.5	15.1	12.7	9.4
47.5°	41.9	35.0	26.8	18.8	16.4	13.1	9.4
45°	48.5	39.4	29.2	20.6	17.6	13.4	9.4
42.5°	55.4	43.9	31.6	22.4	18.9	13.8	9.4
40°	62.6	48.6	34.7	24.8	20.2	14.1	9.4
37.5°	70.0	53.3	38.3	27.6	21.5	14.4	9.4
35°	77.7	58.9	41.9	30.5	22.9	14.8	9.4
32.5°	86.5	65.0	45.5	33.3	24.3	15.1	9.4
30°	97.5	71.1	49.1	36.3	25.7	15.5	9.4
27.5°	108.5	77.3	54.2	39.2	27.0	15.8	9.4
25°	119.4	83.4	59.4	42.2	28.4	16.1	9.4
22.5°	130.1	89.9	64.6	45.1	29.8	16.5	9.4
20°	140.6	97.3	69.7	48.1	31.2	16.8	9.4
17.5°	151.1	104.5	74.7	51.0	32.6	17.1	9.4
15°	161.3	111.5	79.6	53.9	33.9	17.4	9.4
12.5°	170.9	118.1	84.3	56.7	35.2	17.7	9.4
10°	179.9	124.4	88.9	59.4	36.5	17.9	9.4
7.5°	188.2	130.4	93.4	62.0	37.7	18.2	9.4
5°	195.9	136.0	97.6	64.6	38.8	18.5	9.4
2.5°	202.8	141.3	101.6	66.9	39.9	18.7	9.4
0°	209.1	146.2	105.3	69.2	40.9	18.9	9.4
-2.5°	216.5	152.3	110.0	72.8	43.1	19.8	9.4
-5°	223.2	157.9	114.5	76.3	45.3	20.7	9.4
-7.5°	229.1	163.2	118.6	79.6	47.3	21.6	9.4
-10°	234.2	167.9	122.4	82.7	49.2	22.4	9.4
-12.5°	238.4	172.3	126.0	85.5	51.0	23.2	9.4
-15°	241.9	176.1	129.2	88.2	52.7	24.0	9.4
-17.5°	244.5	179.5	132.2	90.6	54.2	24.8	9.4
-20°	246.7	182.4	134.8	92.8	55.6	25.5	9.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	248.8	184.7	137.1	94.7	56.9	26.1	9.4
-25°	249.8	187.0	139.1	96.4	58.0	26.8	9.4
-27.5°	249.8	188.9	140.8	97.8	58.9	27.3	9.4
-30°	248.7	190.2	142.1	99.0	59.7	27.9	9.4
-32.5°	246.5	190.9	143.3	99.9	60.3	28.3	9.4
-35°	245.7	191.0	144.0	100.5	60.8	28.8	9.4
-37.5°	245.2	190.8	144.3	100.8	61.0	29.2	9.4
-40°	243.9	190.8	144.2	100.8	61.1	29.5	9.4
-42.5°	241.9	190.2	143.8	100.6	61.1	29.8	9.4
-45°	239.0	189.1	143.1	100.0	60.8	30.0	9.4
-47.5°	235.5	187.4	141.9	99.1	60.4	30.1	9.4
-50°	232.5	185.2	140.3	98.1	59.7	30.3	9.4
-52.5°	229.0	182.4	138.4	96.9	59.0	30.3	9.4
-55°	224.9	179.3	136.0	95.3	58.0	30.3	9.4
-57.5°	220.1	175.6	133.2	93.5	56.9	30.3	9.4
-60°	214.7	171.4	130.1	91.5	55.6	30.2	9.4
-62.5°	208.8	166.8	126.8	89.2	55.0	30.0	9.4
-65°	202.2	161.6	123.1	86.6	54.3	29.8	9.4
-67.5°	195.1	156.1	119.0	83.8	53.5	29.5	9.4
-70°	187.4	150.2	114.6	80.8	52.5	29.2	9.4
-72.5°	179.2	143.8	109.9	78.7	51.4	28.8	9.4
-75°	170.5	137.1	105.0	76.7	50.2	28.4	9.4
-77.5°	161.4	130.0	101.3	74.5	48.9	28.0	9.4
-80°	151.8	124.2	97.8	72.2	47.4	27.5	9.4
-82.5°	144.7	119.1	94.1	69.7	45.9	27.0	9.4
-85°	137.6	113.7	90.2	67.0	44.3	26.4	9.4
-87.5°	130.2	108.0	86.0	64.2	42.6	25.8	9.4
-90°	6.3	6.3	6.3	6.3	6.3	7.9	9.4

(END OF REPORT)