

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: P1306244 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

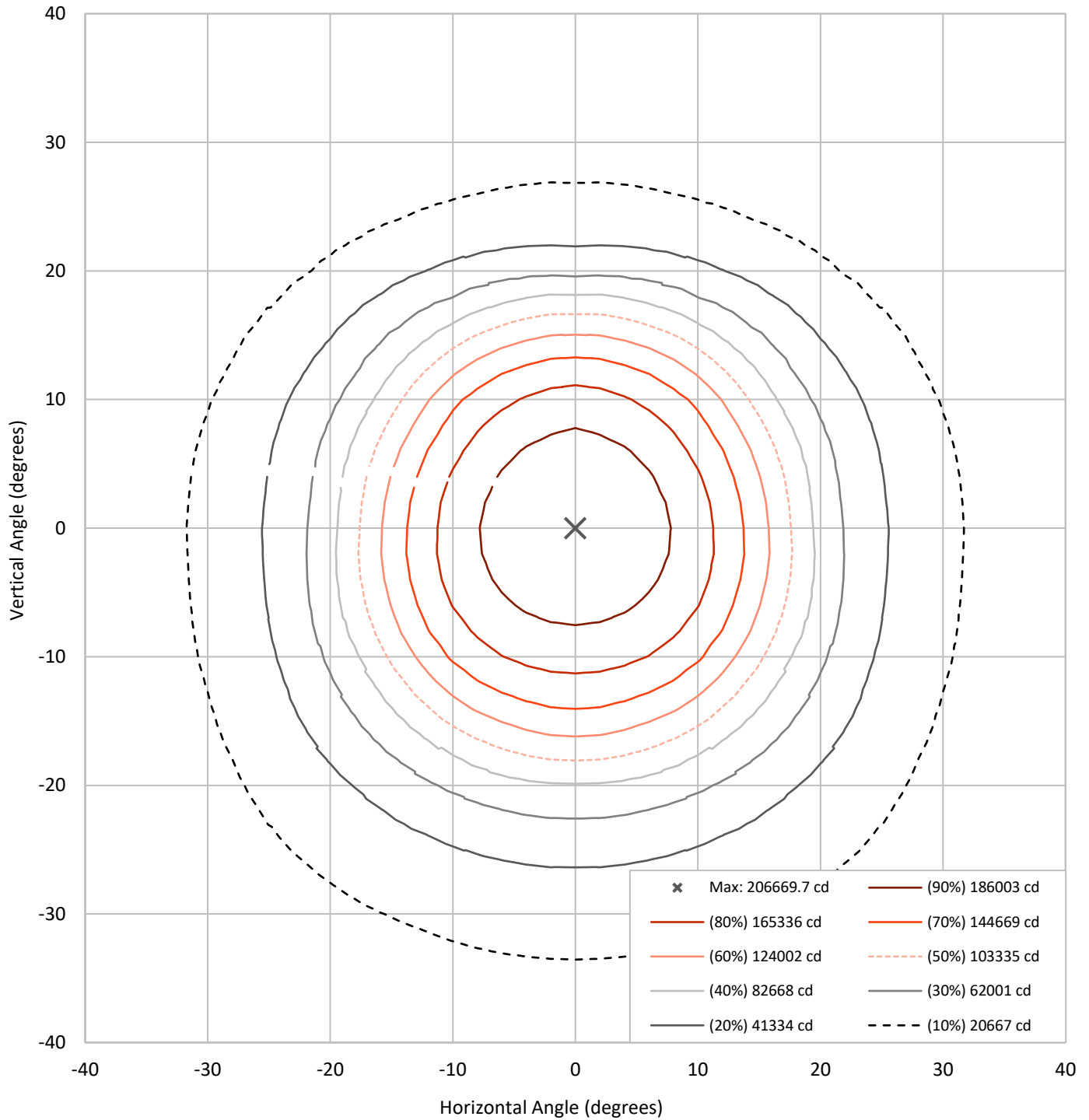
Test Method: LM-79-08
Report Number: P1306244 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	85730.7 lumens	Max Intensity:	206669.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	35.2°H x 34.7°V	Field Angle (10%):	63.4°H x 60.3°V
Beam Lumens:	46014.2 lumens	Field Lumens:	74878.9 lumens
Beam Efficiency:	53.7%	Field Efficiency:	87.3%
Input Watts (W):	554		
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





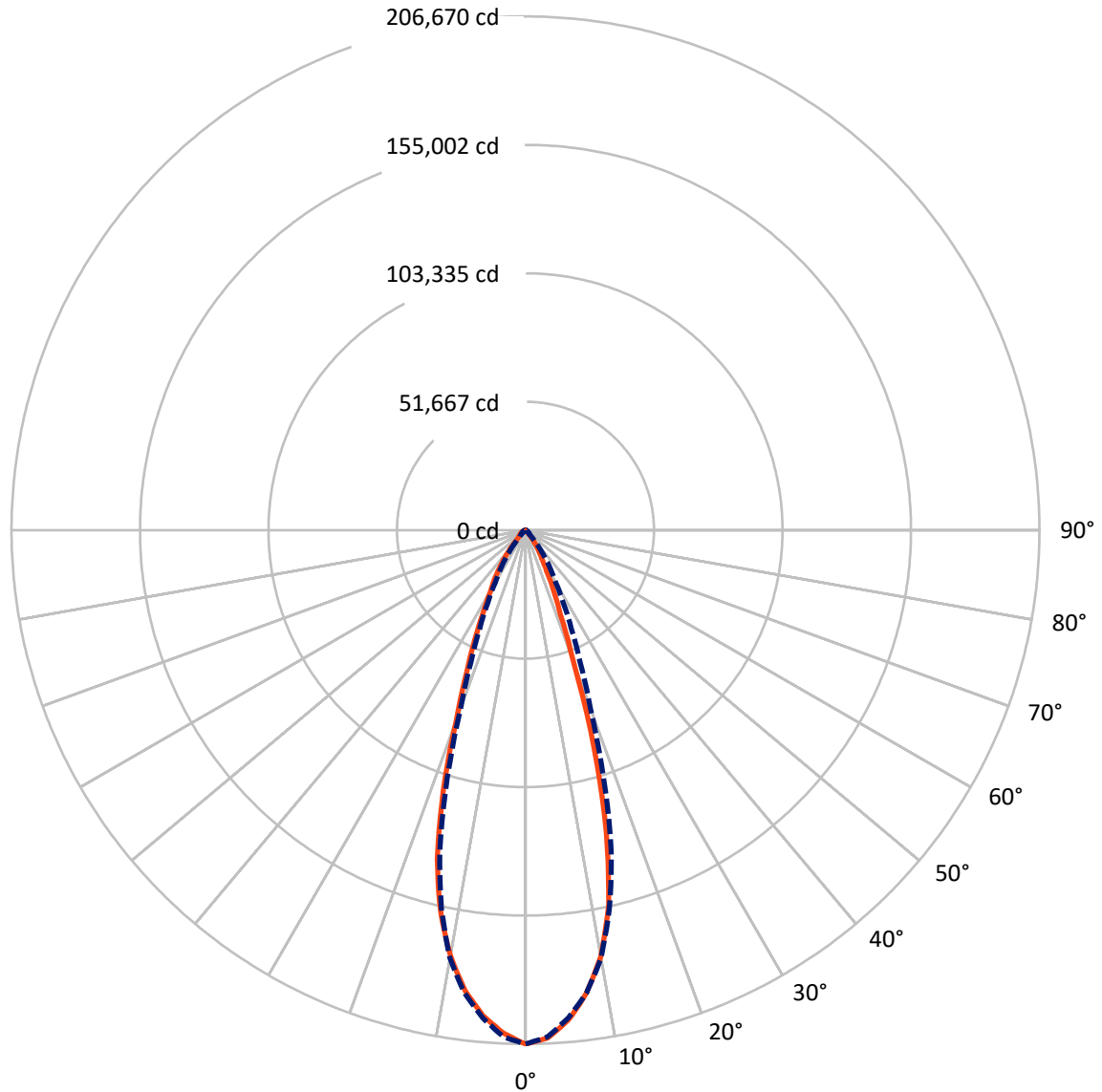
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Lumen Table

90	0.3	0.9	1.6	2.2	2.5	2.2	1.6	0.9	0.3										
80	0.3	0.9	1.6	2.2	2.5	2.2	1.6	0.9	0.3										
70	0.3	0.2	0.2	0.5	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.7	0.5	0.2	0.2	0.3			
60		0.4	0.7	1.2	1.1	0.8	1.0	1.2	1.2	1.0	0.8	1.1	1.2	0.7	0.4				
50	0.8	1.1	2.4	4.9	9.0	14.2	20.8	26.9	26.9	20.8	14.2	9.0	4.9	2.4	1.1	0.8			
40		2.6	8.2	15.6	25.6	59.2	132.3	214.4	214.4	132.3	59.2	25.6	15.6	8.2	2.6				
30	1.9	4.5	13.6	26.4	82.7	254.5	555.4	842.2	842.2	555.4	254.5	82.7	26.4	13.6	4.5	1.9			
20		6.1	17.9	42.2	215.4	714.2	1908.2	3390.8	3390.8	1908.2	714.2	215.4	42.2	17.9	6.1				
10	2.8	7.5	20.9	58.5	337.1	1172.2	3469.5	5555.7	5555.7	3469.5	1172.2	337.1	58.5	20.9	7.5	2.8			
0		8.4	23.3	65.4	361.3	1231.1	3637.2	5599.6	5599.6	3637.2	1231.1	361.3	65.4	23.3	8.4				
-10	3.2	8.6	24.6	60.2	288.3	909.4	2289.6	3761.5	3761.5	2289.6	909.4	288.3	60.2	24.6	8.6	3.2			
-20		8.0	24.5	51.6	158.7	505.1	991.6	1432.0	1432.0	991.6	505.1	158.7	51.6	24.5	8.0				
-30	3.0	6.8	22.0	43.2	76.2	187.4	377.6	522.0	522.0	377.6	187.4	76.2	43.2	22.0	6.8	3.0			
-40		5.3	16.5	34.6	54.5	75.6	103.2	132.1	132.1	103.2	75.6	54.5	34.6	16.5	5.3				
-50	2.5	4.0	10.3	22.5	38.8	52.3	63.1	70.8	70.8	63.1	52.3	38.8	22.5	10.3	4.0	2.5			
-60		3.0	6.1	11.4	19.5	27.6	35.1	40.0	40.0	35.1	27.6	19.5	11.4	6.1	3.0				
-70	1.8	10.9	24.5	39.6	48.6	39.6	24.5	10.9	1.8						1.8				
-80		1.8	10.9	24.5	39.6	48.6	39.6	24.5	10.9	1.8									
-90	1.8	10.9	24.5	39.6	48.6	39.6	24.5	10.9	1.8										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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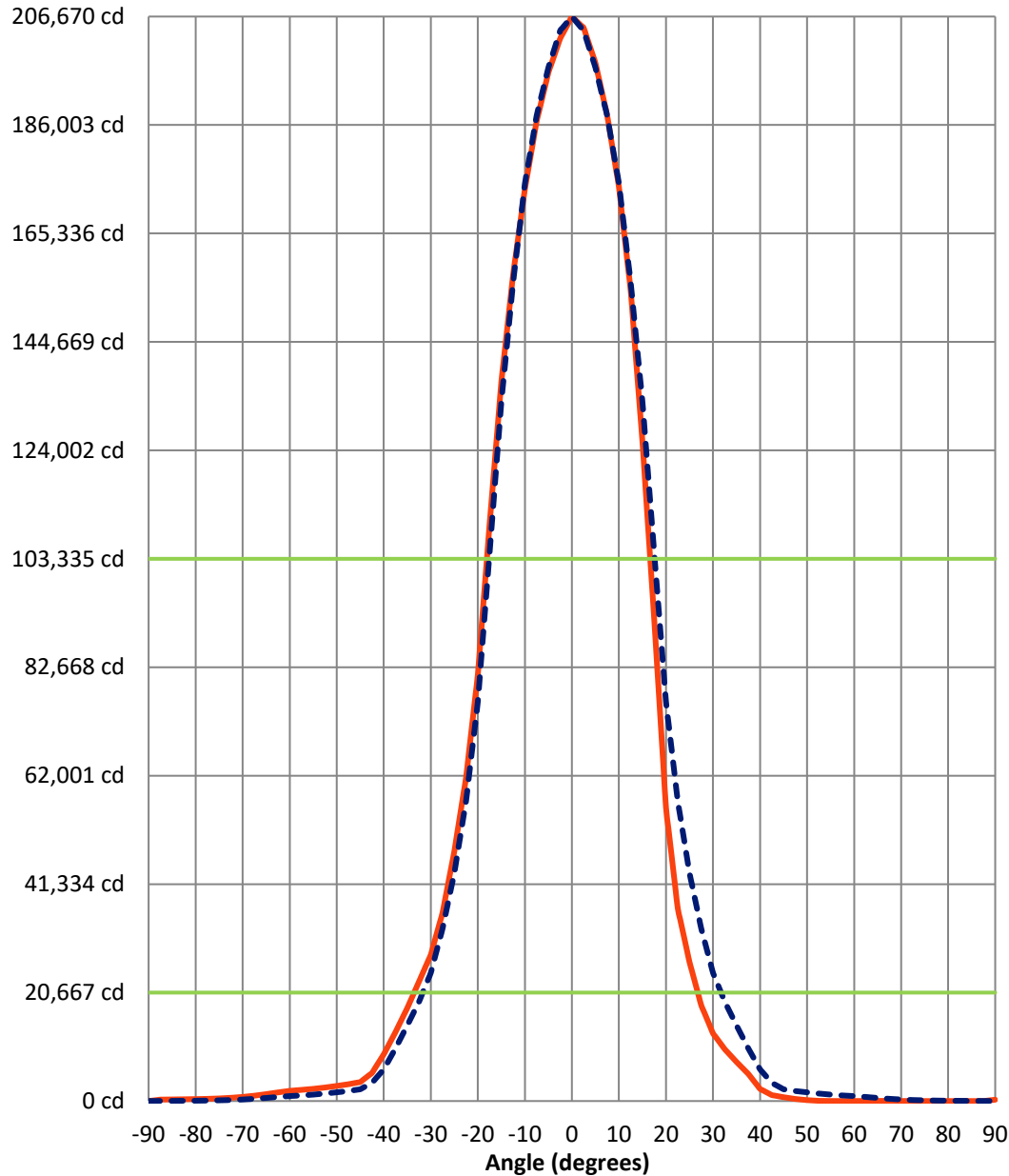
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 35.2°
V Angle: 34.7°
Lumens: 46014.2
Efficiency: 53.7%

Field:
H Angle: 63.4°
V Angle: 60.3°
Lumens: 74878.9
Efficiency: 87.3%

Spill:
Lumens: 10851.8
Efficiency: 12.7%

— 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°	9.2	17.4	25.6	41.9	58.3	73.1	87.9	99.7	111.4	119.1	126.8
87.5°	9.2	8.4	7.4	7.5	7.5	7.5	7.5	7.0	6.5	6.5	6.6
85°	9.2	8.6	7.6	7.7	7.9	7.9	7.7	7.3	6.9	6.9	7.0
82.5°	9.2	8.7	7.7	8.0	8.2	8.2	8.0	7.6	7.3	7.4	7.5
80°	9.2	8.9	7.9	8.2	8.6	8.5	8.3	8.1	8.0	8.0	7.9
77.5°	9.2	9.1	8.2	8.5	8.9	8.9	8.8	8.8	8.7	8.6	8.3
75°	9.2	9.3	8.4	8.7	9.3	9.4	9.4	9.4	9.4	9.0	8.4
72.5°	9.2	9.5	8.6	9.0	9.6	9.8	9.9	10.0	9.8	9.3	8.6
70°	9.2	9.7	8.9	9.3	10.0	10.2	10.5	10.5	10.3	9.7	9.4
67.5°	9.2	9.9	9.1	9.7	10.4	10.7	11.2	11.1	10.8	10.6	10.3
65°	9.2	10.1	9.4	10.1	10.8	11.4	12.0	11.8	12.1	11.5	11.6
62.5°	9.2	10.3	9.7	10.5	11.3	12.3	12.8	13.1	13.5	12.8	13.8
60°	9.2	10.5	10.0	10.9	11.7	13.3	13.8	14.9	15.1	16.1	16.5
57.5°	9.2	10.7	10.6	11.4	12.8	14.3	15.7	16.8	18.8	20.1	22.3
55°	9.2	10.9	11.2	11.8	13.9	15.4	17.9	19.1	23.3	25.3	29.9
52.5°	9.2	11.1	11.8	12.2	15.1	16.7	20.1	23.6	28.1	34.2	38.2
50°	9.2	11.3	12.5	12.7	16.4	19.0	22.5	28.5	34.4	43.7	49.5
47.5°	9.2	11.6	13.2	13.3	17.7	21.4	25.2	33.7	43.8	53.9	62.3
45°	9.2	11.8	13.9	14.3	19.1	24.0	29.9	39.1	53.8	66.4	75.9
42.5°	9.2	12.0	14.7	15.4	20.5	26.6	34.6	46.7	64.1	79.6	97.9
40°	9.2	12.2	15.5	16.9	22.3	29.3	39.7	56.0	75.5	93.4	123.4
37.5°	9.2	12.4	16.3	18.7	24.4	32.2	44.9	65.4	88.6	111.3	150.9
35°	9.2	12.7	17.2	20.5	26.6	35.9	50.1	75.0	102.3	136.8	184.3
32.5°	9.2	12.9	18.1	22.3	28.8	40.1	56.2	84.7	116.5	163.0	222.5
30°	9.2	13.1	19.0	24.2	31.0	44.2	63.9	94.5	131.1	189.6	258.8
27.5°	9.2	13.3	19.9	26.0	33.9	48.3	71.5	105.3	147.1	216.6	293.3
25°	9.2	13.5	20.9	27.9	37.0	52.2	78.9	115.6	165.7	244.8	326.0
22.5°	9.2	13.7	21.8	29.8	39.9	56.3	86.0	125.3	183.0	266.6	359.5
20°	9.2	13.9	22.8	31.6	42.8	61.0	92.8	134.6	199.1	287.0	386.6
17.5°	9.2	14.1	23.7	33.4	45.6	65.5	99.8	143.2	213.9	306.0	411.9
15°	9.2	14.3	24.6	35.2	48.3	69.9	106.8	151.9	227.4	323.3	435.7
12.5°	9.2	14.5	25.6	37.0	50.9	74.1	113.4	160.7	241.0	339.0	457.9
10°	9.2	14.7	26.5	38.7	53.5	78.1	119.5	168.9	254.4	359.3	482.2
7.5°	9.2	14.9	27.3	40.4	55.9	82.0	125.1	176.5	266.5	379.3	513.3
5°	9.2	15.0	28.2	42.0	58.2	85.6	130.3	183.5	277.3	397.9	542.7
2.5°	9.2	15.2	29.0	43.5	60.4	88.9	134.9	189.8	286.6	414.7	569.8
0°	9.2	15.3	29.7	45.0	62.4	92.0	139.0	195.3	294.5	429.4	594.0
-2.5°	9.2	15.9	30.8	46.9	65.3	95.7	143.8	202.0	304.8	441.5	606.2
-5°	9.2	16.4	31.9	48.7	68.1	99.1	148.0	207.9	313.4	451.1	615.0
-7.5°	9.2	16.9	32.9	50.4	70.6	102.2	151.6	212.8	320.1	458.2	620.6
-10°	9.2	17.4	33.9	52.0	73.1	105.0	154.7	216.8	324.8	462.6	623.0
-12.5°	9.2	17.9	34.8	53.5	75.3	107.5	157.0	219.9	327.2	464.3	625.7
-15°	9.2	18.4	35.6	54.9	77.3	109.6	158.7	221.8	326.8	462.2	625.6
-17.5°	9.2	18.8	36.3	56.1	79.1	111.4	159.8	223.1	323.6	457.1	620.4
-20°	9.2	19.2	37.0	57.2	80.7	112.8	160.6	223.7	318.5	448.9	609.7



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 CATALOG NUMBER: EPH-08-530N-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9.2	19.6	37.6	58.2	82.1	113.9	161.3	223.4	311.4	437.4	593.8
-25°	9.2	20.0	38.1	59.0	83.2	115.2	161.4	222.1	302.4	422.7	577.2
-27.5°	9.2	20.3	38.6	59.6	84.1	116.4	160.7	219.8	291.4	410.1	563.0
-30°	9.2	20.6	39.0	60.2	84.8	117.2	159.3	216.6	284.9	398.4	544.4
-32.5°	9.2	20.8	39.3	60.5	85.9	117.6	157.1	213.7	281.1	383.6	521.1
-35°	9.2	21.1	39.5	60.8	86.8	117.6	156.3	210.5	275.7	365.8	493.1
-37.5°	9.2	21.3	39.7	60.8	87.5	117.6	155.8	206.2	268.8	344.8	466.3
-40°	9.2	21.4	39.7	60.7	87.9	118.1	154.8	200.8	260.3	331.4	440.2
-42.5°	9.2	21.5	39.7	60.7	88.1	118.3	153.2	194.3	252.0	320.3	410.9
-45°	9.2	21.6	39.6	60.8	88.3	118.2	150.9	188.7	243.1	307.2	381.2
-47.5°	9.2	21.7	39.5	60.8	88.2	117.8	148.1	185.4	232.9	292.0	363.8
-50°	9.2	21.7	39.2	60.8	87.9	117.0	146.6	181.5	221.2	278.5	344.1
-52.5°	9.2	21.6	38.9	60.7	87.3	115.9	145.0	177.0	213.5	263.2	321.3
-55°	9.2	21.6	38.5	60.4	86.4	114.5	143.1	172.2	207.1	246.4	299.5
-57.5°	9.2	21.5	38.0	60.0	85.3	112.8	140.8	169.5	199.9	235.6	276.1
-60°	9.2	21.3	37.5	59.4	84.0	110.8	138.1	166.0	192.6	226.1	255.2
-62.5°	9.2	21.2	36.9	58.7	82.8	108.4	135.0	161.8	187.5	215.2	242.0
-65°	9.2	21.0	36.3	57.8	81.5	105.8	131.6	157.2	181.8	206.3	228.2
-67.5°	9.2	20.7	35.5	56.8	79.9	103.0	127.7	152.0	175.6	197.9	217.3
-70°	9.2	20.5	34.7	55.6	78.1	100.3	123.5	146.5	169.0	189.2	207.5
-72.5°	9.2	20.2	33.8	54.3	76.1	97.2	119.3	140.7	162.0	180.4	197.3
-75°	9.2	19.8	32.8	52.9	73.9	93.9	114.7	134.6	154.7	171.2	186.7
-77.5°	9.2	19.5	31.7	51.3	71.7	90.3	109.9	128.3	147.0	161.8	175.8
-80°	9.2	19.1	30.6	49.7	69.3	87.0	104.7	121.7	139.0	152.2	164.9
-82.5°	9.2	18.7	29.4	47.9	66.8	83.8	100.6	115.5	130.7	142.4	153.9
-85°	9.2	18.3	28.2	46.0	64.1	80.4	96.6	110.4	124.4	134.1	143.8
-87.5°	9.2	17.9	26.9	44.0	61.3	76.8	92.3	105.1	118.0	126.7	135.4
-90°	9.2	8.2	7.2	7.2	7.2	7.2	7.2	6.7	6.1	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	132.4	138.0	143.2	148.3	154.4	160.5	166.7	172.8	179.5	186.1	192.8
87.5°	6.1	5.6	5.6	5.7	5.2	4.7	4.4	4.1	4.1	4.1	4.0
85°	6.6	6.1	6.1	6.1	5.7	5.4	5.0	4.5	4.6	4.6	4.4
82.5°	7.1	6.7	6.5	6.1	6.0	6.0	5.7	5.3	5.2	5.1	4.8
80°	7.6	7.3	6.8	6.5	6.4	6.2	6.0	5.9	5.7	5.2	5.2
77.5°	7.8	7.3	7.1	7.1	6.8	6.2	6.1	6.1	6.0	5.9	5.7
75°	7.9	7.4	7.3	7.3	6.9	6.3	6.1	6.3	6.4	6.2	6.0
72.5°	8.3	8.0	7.7	7.4	7.2	6.9	6.9	7.1	7.7	8.2	8.6
70°	9.1	8.7	8.4	8.2	7.8	7.8	8.7	10.4	12.1	12.7	14.4
67.5°	10.1	9.8	9.5	9.3	9.3	10.1	11.3	15.1	18.4	20.6	23.1
65°	11.1	11.0	11.0	11.1	11.2	14.3	17.7	21.5	27.2	30.5	30.6
62.5°	12.5	14.0	13.4	14.3	17.2	20.5	25.7	32.4	39.6	42.6	40.7
60°	17.7	18.5	18.9	21.2	24.0	27.6	34.7	42.8	51.3	56.4	48.8
57.5°	24.4	25.4	27.4	28.7	31.9	33.9	42.4	52.3	57.8	61.0	52.5
55°	32.7	34.3	37.1	37.7	40.4	41.3	48.4	55.2	59.8	60.8	51.5
52.5°	43.3	45.1	49.2	49.9	50.0	50.9	51.8	59.3	63.0	62.0	53.5
50°	54.7	61.1	63.2	65.6	62.6	63.9	60.4	69.1	76.5	74.5	77.0
47.5°	71.6	79.5	82.7	87.0	84.8	91.8	89.2	105.7	111.5	144.6	151.9
45°	91.9	105.9	110.2	120.0	129.9	138.0	164.6	166.8	236.5	265.6	320.4
42.5°	116.3	138.2	156.1	159.7	207.2	232.5	269.5	330.4	391.5	447.5	484.8
40°	152.5	175.2	213.5	258.0	308.5	362.8	412.2	482.9	542.1	586.1	612.5
37.5°	193.7	237.0	289.1	369.5	437.6	493.0	549.1	610.2	665.9	704.7	755.1
35°	238.9	302.0	398.6	482.3	555.3	607.6	662.3	727.1	779.8	842.2	904.4
32.5°	293.9	368.4	489.5	579.9	639.3	701.1	764.2	832.4	907.8	984.7	1064.4
30°	348.2	443.1	561.5	655.4	712.9	784.9	861.6	941.5	1040.5	1137.4	1245.1
27.5°	390.9	507.3	619.9	716.9	783.9	869.1	962.8	1067.1	1184.6	1303.2	1446.2
25°	429.0	555.0	678.7	781.6	866.7	961.2	1071.3	1196.4	1336.3	1503.0	1952.8
22.5°	466.2	601.5	743.7	850.8	946.5	1053.3	1186.1	1332.1	1496.7	1718.2	2513.9
20°	504.5	654.1	805.9	908.5	1019.3	1139.0	1294.6	1464.1	1668.1	2191.5	3365.0
17.5°	543.7	708.4	858.8	959.0	1075.8	1221.8	1402.6	1593.8	1842.6	2634.6	4431.0
15°	582.0	759.6	901.3	1003.7	1132.5	1302.4	1504.4	1738.6	2151.4	3253.0	5499.1
12.5°	618.7	805.6	932.8	1042.2	1188.5	1378.3	1598.8	1861.7	2514.2	4087.6	6664.1
10°	653.1	846.3	960.3	1078.9	1243.2	1449.8	1683.4	1969.9	2831.1	4754.6	7586.4
7.5°	690.4	881.2	985.1	1113.7	1293.6	1515.1	1753.0	2053.3	3067.1	5265.9	8271.5
5°	724.3	909.6	1013.7	1154.6	1343.8	1574.0	1812.7	2123.2	3228.2	5590.0	8746.9
2.5°	753.8	932.2	1040.3	1193.3	1390.8	1625.7	1866.7	2193.1	3371.9	5864.1	9348.5
0°	779.1	949.8	1064.3	1227.9	1431.4	1668.6	1910.9	2249.3	3468.0	6048.6	10046.2
-2.5°	794.5	976.2	1104.2	1264.1	1464.9	1699.1	1950.8	2309.4	3565.4	6447.5	10312.0
-5°	805.6	997.4	1140.0	1295.9	1492.1	1721.3	1980.0	2352.0	3607.3	6557.2	10234.6
-7.5°	812.1	1012.9	1170.7	1323.7	1516.3	1747.2	2026.2	2409.1	3626.3	6286.8	9796.0
-10°	815.4	1025.9	1190.8	1346.7	1538.8	1771.0	2062.2	2445.9	3548.3	5921.9	9291.4
-12.5°	824.2	1037.0	1206.7	1363.7	1553.8	1788.0	2090.2	2473.5	3370.9	5420.6	8597.9
-15°	826.5	1042.6	1220.1	1375.4	1569.4	1813.1	2111.3	2478.3	3114.7	4772.7	7712.3
-17.5°	821.8	1042.9	1229.4	1384.5	1577.3	1822.7	2118.0	2464.7	2923.3	4302.0	6821.4
-20°	809.8	1030.7	1232.2	1385.4	1574.3	1826.6	2121.4	2458.8	2876.5	3820.6	5741.0



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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°	790.4	1011.5	1222.3	1384.0	1584.6	1828.3	2111.6	2422.4	2775.3	3240.1	4665.5
-25°	769.6	984.1	1196.4	1388.9	1586.5	1819.8	2070.3	2355.6	2681.5	3045.0	3898.1
-27.5°	747.1	952.2	1169.8	1382.7	1576.8	1787.9	2020.6	2288.0	2556.3	2850.0	3213.3
-30°	719.9	917.5	1134.2	1360.3	1553.9	1751.2	1965.7	2181.9	2422.4	2686.7	2994.5
-32.5°	687.2	876.7	1090.0	1313.4	1523.7	1708.4	1887.9	2082.0	2296.7	2529.7	2784.2
-35°	651.7	835.3	1038.2	1256.3	1486.7	1656.4	1812.3	1980.2	2170.3	2383.3	2619.7
-37.5°	615.8	787.5	977.5	1190.1	1414.1	1591.8	1732.3	1888.9	2056.3	2238.6	2458.5
-40°	575.0	732.5	914.2	1115.1	1313.7	1505.8	1660.1	1802.2	1949.2	2116.0	2295.6
-42.5°	531.0	679.0	844.8	1026.9	1207.3	1390.4	1583.7	1723.3	1854.9	1996.5	2153.9
-45°	494.3	619.9	769.8	931.8	1094.4	1271.8	1458.3	1644.9	1765.0	1887.6	2021.7
-47.5°	451.8	560.0	697.1	832.0	982.1	1149.3	1325.9	1499.0	1669.6	1788.9	1901.7
-50°	411.3	509.2	613.9	738.1	871.8	1026.1	1188.0	1346.2	1506.2	1667.8	1796.5
-52.5°	383.4	454.9	545.7	643.8	767.4	903.9	1045.7	1186.7	1337.0	1491.1	1639.5
-55°	353.2	414.5	479.2	562.6	664.3	785.9	903.9	1030.3	1159.3	1301.4	1446.0
-57.5°	324.6	375.3	426.1	489.4	575.1	667.9	771.4	875.1	992.1	1111.1	1234.9
-60°	296.2	337.7	380.9	431.5	490.4	568.7	643.6	734.0	831.2	929.1	1039.1
-62.5°	269.0	302.9	338.8	381.5	430.8	477.0	538.9	608.9	679.0	765.8	854.9
-65°	253.0	271.8	300.0	337.1	375.4	416.3	456.5	499.4	560.4	625.1	688.5
-67.5°	236.0	253.3	270.9	293.8	327.4	359.3	391.7	429.4	468.3	510.2	556.3
-70°	223.2	235.3	251.0	268.9	286.5	305.8	334.6	364.6	394.5	427.2	463.3
-72.5°	211.2	222.5	234.2	246.8	262.2	277.0	292.1	308.3	331.9	360.6	387.4
-75°	199.0	209.5	220.1	231.3	242.8	254.0	265.9	280.5	296.7	314.3	330.7
-77.5°	186.7	196.4	206.1	215.7	226.1	237.0	247.2	257.7	270.4	284.0	296.9
-80°	174.5	183.1	192.2	201.1	210.2	219.6	228.7	237.5	248.4	260.2	271.6
-82.5°	162.6	170.7	178.5	186.3	194.3	202.1	210.2	218.4	228.5	238.8	248.5
-85°	151.1	158.3	164.8	171.4	178.7	186.0	192.9	199.9	209.1	218.3	226.7
-87.5°	141.8	148.2	153.8	159.4	165.8	172.3	178.3	184.3	192.2	200.1	207.3
-90°	5.6	5.1	5.1	5.1	4.6	4.1	4.1	4.1	4.1	4.1	3.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	199.4	204.0	208.6	211.7	214.7	219.3	223.9	230.6	237.2	242.8	248.4
87.5°	3.9	3.5	3.1	3.0	3.0	3.0	3.0	2.5	2.0	2.0	2.0
85°	4.1	3.9	3.8	3.9	3.9	3.5	3.1	3.1	3.0	3.0	3.1
82.5°	4.6	4.4	4.1	4.1	4.1	4.0	3.9	3.6	3.1	3.1	3.1
80°	5.1	4.8	4.6	4.4	4.1	4.1	4.1	3.7	3.1	3.1	3.1
77.5°	5.3	5.2	5.1	4.7	4.2	4.1	4.1	3.7	3.2	3.1	3.1
75°	6.0	5.9	5.9	5.7	5.6	5.8	6.1	5.9	5.6	5.3	5.0
72.5°	9.2	9.2	9.0	9.6	10.1	10.6	10.9	11.1	11.6	12.3	13.2
70°	16.3	17.6	17.6	17.6	17.5	17.0	16.4	16.3	16.4	16.7	17.0
67.5°	24.6	25.6	26.0	26.3	24.0	22.5	21.8	21.9	22.9	24.7	27.4
65°	31.3	29.4	27.7	26.0	26.1	26.0	24.8	24.3	25.1	26.2	27.5
62.5°	37.2	29.6	24.7	22.2	22.7	23.4	21.2	19.5	18.9	18.6	18.7
60°	40.0	27.9	19.7	16.6	14.9	14.0	12.5	10.7	10.1	10.0	10.2
57.5°	40.4	26.6	15.7	12.4	9.5	7.3	6.1	5.3	5.4	5.2	5.1
55°	39.2	26.8	15.2	13.9	12.7	11.6	10.1	9.9	9.4	9.3	9.8
52.5°	40.6	37.6	30.8	29.8	36.4	36.6	31.5	38.8	43.7	47.6	49.3
50°	80.2	77.0	97.4	97.4	117.9	135.5	130.4	140.7	158.4	173.9	183.4
47.5°	187.4	202.2	232.7	260.0	290.9	329.8	347.1	359.4	374.9	395.8	409.7
45°	349.2	385.7	425.3	469.6	521.2	566.8	593.4	619.0	635.9	654.5	676.4
42.5°	518.4	562.1	620.7	673.6	729.5	782.8	824.8	861.9	934.2	1037.3	1119.2
40°	663.4	713.0	781.1	851.6	917.5	984.9	1170.6	1328.8	1526.0	1820.4	2081.2
37.5°	807.3	864.6	940.6	1027.0	1225.7	1426.8	1832.3	2270.3	2649.8	3075.3	3505.1
35°	964.1	1039.4	1141.1	1431.9	1799.5	2335.5	2917.0	3567.5	4119.7	4714.0	5584.6
32.5°	1149.3	1280.8	1609.4	2138.0	2797.2	3558.6	4279.9	5097.6	5787.3	6879.1	8208.8
30°	1388.1	1800.4	2431.2	3161.1	4050.6	5014.3	5918.6	7243.1	8790.5	10160.4	11291.6
27.5°	1963.8	2760.2	3641.0	4566.0	5679.9	6847.7	8743.8	10458.1	12123.0	13602.1	15320.5
25°	2823.6	4101.2	5606.6	6846.5	8360.1	10470.6	12614.7	14502.7	17033.1	19258.7	21755.3
22.5°	4039.6	5858.9	7797.9	9608.2	11932.7	14576.0	17460.7	20939.5	24454.7	28359.2	31833.0
20°	5226.6	7528.4	9983.9	12590.0	15566.9	18871.8	23587.3	29232.9	34649.6	40801.3	45988.5
17.5°	6807.2	9589.8	12493.8	15806.5	19633.9	24718.4	31678.6	39398.2	47774.3	56960.3	65455.0
15°	8414.5	11412.2	14786.6	19026.4	24440.1	31350.4	40230.0	50738.7	62988.3	76492.0	92909.1
12.5°	9731.8	13009.8	16955.5	22298.6	29379.2	38620.5	49378.9	62029.0	78822.6	99190.1	118263.6
10°	10857.3	14787.8	19773.7	26097.3	34425.8	44858.4	57079.9	72741.6	95363.5	118958.4	139889.8
7.5°	12016.6	16666.4	21946.8	28803.1	38272.6	50114.5	65164.0	85616.0	110506.1	134706.6	153901.7
5°	13110.1	17947.5	23318.0	30643.2	40883.6	53601.9	70677.2	95587.8	122673.6	146376.4	164410.1
2.5°	13966.6	18591.8	24040.1	32013.6	42295.1	55497.3	74133.3	101754.2	130167.3	153527.5	172019.6
0°	14410.9	18941.2	24440.8	32870.6	43465.9	57236.8	76114.6	104475.4	133215.4	155964.1	174812.3
-2.5°	14312.6	18772.5	24192.8	32209.2	43198.3	57551.5	77762.1	105893.5	133740.5	156795.3	174558.6
-5°	14105.8	18506.9	23852.2	31396.4	42240.2	56760.3	75973.2	101836.4	128730.3	152379.3	169648.1
-7.5°	13720.4	18062.0	23173.0	30207.6	40652.3	54402.3	71740.1	94214.3	120014.4	143709.0	160426.7
-10°	13153.3	17374.7	22198.2	28596.1	37976.4	50605.4	65345.6	82896.3	107031.3	129184.4	147759.9
-12.5°	12347.4	16402.5	20845.9	26343.8	34744.3	45873.9	58581.3	73163.8	90413.4	111778.5	129190.2
-15°	11321.9	15135.6	19264.5	24451.9	31476.0	40595.2	51309.1	62621.7	75843.0	90590.9	107562.6
-17.5°	10063.3	13645.6	17490.7	21962.8	27643.5	35294.5	43769.7	52596.8	62140.0	72993.1	82964.0
-20°	8562.5	11839.2	15462.8	19622.4	24490.0	30016.4	36177.3	43313.3	50710.6	58456.6	65310.1



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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°	7038.6	10027.7	13480.7	17117.8	21348.5	25566.8	29704.9	35010.8	40723.3	46331.1	51432.3
-25°	5507.3	8146.1	11356.6	14768.0	18163.7	21609.3	24969.2	28263.9	32374.6	35984.1	39728.3
-27.5°	4374.4	6348.4	9044.2	12021.3	14980.2	17855.3	20760.1	23512.2	26104.6	28284.5	30808.8
-30°	3440.2	4772.6	6855.2	9197.8	11786.9	14320.1	16823.3	19148.1	21189.5	22984.4	24737.3
-32.5°	3110.4	3654.4	4892.0	6672.3	8714.8	10937.2	13029.6	15026.4	16709.4	18377.4	19948.0
-35°	2877.2	3176.8	3581.4	4693.5	6023.7	7792.3	9432.4	11089.7	12503.1	14168.9	15456.9
-37.5°	2686.1	2916.9	3172.7	3435.0	4243.9	5129.4	6310.2	7552.5	8644.5	10041.9	11179.0
-40°	2501.1	2705.4	2905.3	3104.8	3319.9	3517.5	4220.4	4861.0	5601.7	6557.6	7375.5
-42.5°	2322.3	2502.2	2675.3	2837.4	2987.7	3117.4	3258.9	3394.5	3794.4	4281.6	4655.9
-45°	2161.7	2314.7	2459.6	2596.7	2711.2	2815.0	2924.0	3037.5	3186.1	3321.3	3432.9
-47.5°	2025.2	2146.1	2264.9	2376.5	2464.5	2553.2	2639.9	2737.8	2853.6	2967.1	3062.0
-50°	1901.8	2006.4	2096.5	2175.6	2248.8	2323.8	2392.8	2479.8	2573.0	2666.9	2745.4
-52.5°	1783.5	1876.6	1951.9	2012.1	2067.8	2129.0	2188.4	2257.8	2333.5	2412.5	2474.8
-55°	1584.8	1703.1	1812.5	1869.0	1912.7	1963.1	2013.5	2069.6	2133.5	2199.8	2249.3
-57.5°	1365.2	1481.9	1584.9	1658.3	1730.8	1804.8	1860.2	1904.2	1961.9	2018.6	2061.3
-60°	1144.6	1242.5	1333.5	1407.7	1483.3	1557.3	1619.6	1677.0	1748.4	1813.4	1866.3
-62.5°	939.3	1024.9	1095.2	1155.2	1219.6	1284.0	1343.4	1399.9	1464.8	1523.1	1572.6
-65°	752.7	824.5	876.5	923.7	974.9	1028.2	1075.2	1122.1	1174.3	1220.9	1261.5
-67.5°	608.6	656.3	688.6	718.7	759.3	800.8	837.6	874.9	914.9	950.2	980.9
-70°	498.3	528.0	548.0	571.0	599.9	626.4	650.6	677.9	707.3	734.4	758.9
-72.5°	413.1	433.5	448.4	466.8	485.2	502.0	517.3	536.9	558.3	579.2	599.1
-75°	346.0	359.3	373.6	386.8	399.4	411.6	423.0	438.7	455.1	470.8	485.8
-77.5°	310.5	320.3	328.4	335.7	342.6	350.5	358.3	371.6	386.0	398.1	409.5
-80°	282.9	290.6	297.2	302.8	308.0	314.5	321.0	331.8	343.1	353.3	363.3
-82.5°	258.2	264.8	270.9	276.1	281.0	286.5	292.0	301.6	311.3	320.0	328.5
-85°	235.1	240.8	246.3	250.9	255.4	260.5	265.6	273.8	282.1	289.9	297.5
-87.5°	214.4	219.5	224.5	227.9	231.3	236.3	241.2	248.5	255.9	262.7	269.5
-90°	3.1	3.1	3.1	2.6	2.0	2.0	2.0	2.0	2.0	1.5	1.0



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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°	251.5	254.6	255.1	255.6	255.1	254.6	251.5	248.4	242.8	237.2	230.6
87.5°	1.5	1.0	1.5	2.0	1.5	1.0	1.5	2.0	2.0	2.0	2.5
85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.1
82.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.6
80°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.7
77.5°	2.6	2.0	2.5	3.1	2.5	2.0	2.6	3.1	3.1	3.2	3.7
75°	4.5	4.1	3.6	3.1	3.6	4.1	4.5	5.0	5.3	5.6	5.9
72.5°	13.7	14.0	14.7	15.3	14.7	14.0	13.7	13.2	12.3	11.6	11.1
70°	16.4	15.4	15.3	15.3	15.3	15.4	16.4	17.0	16.7	16.4	16.3
67.5°	29.3	31.0	31.6	31.7	31.6	31.0	29.3	27.4	24.7	22.9	21.9
65°	28.5	29.6	29.7	29.7	29.7	29.6	28.5	27.5	26.2	25.1	24.3
62.5°	19.1	19.6	19.9	20.4	19.9	19.6	19.1	18.7	18.6	18.9	19.5
60°	10.7	11.3	11.8	12.3	11.8	11.3	10.7	10.2	10.0	10.1	10.7
57.5°	5.0	5.2	5.6	6.1	5.6	5.2	5.0	5.1	5.2	5.4	5.3
55°	10.3	10.8	11.1	11.2	11.1	10.8	10.3	9.8	9.3	9.4	9.9
52.5°	48.4	46.1	44.3	42.9	44.3	46.1	48.4	49.3	47.6	43.7	38.8
50°	187.3	182.8	177.6	172.8	177.6	182.8	187.3	183.4	173.9	158.4	140.7
47.5°	418.0	414.3	406.7	396.7	406.7	414.3	418.0	409.7	395.8	374.9	359.4
45°	706.4	726.9	736.1	731.0	736.1	726.9	706.4	676.4	654.5	635.9	619.0
42.5°	1147.1	1165.1	1166.7	1140.0	1166.7	1165.1	1147.1	1119.2	1037.3	934.2	861.9
40°	2269.9	2427.2	2481.2	2318.8	2481.2	2427.2	2269.9	2081.2	1820.4	1526.0	1328.8
37.5°	4023.1	4641.1	5156.6	5176.5	5156.6	4641.1	4023.1	3505.1	3075.3	2649.8	2270.3
35°	6520.1	7156.0	7463.4	7450.3	7463.4	7156.0	6520.1	5584.6	4714.0	4119.7	3567.5
32.5°	9164.2	9645.8	9953.8	9879.6	9953.8	9645.8	9164.2	8208.8	6879.1	5787.3	5097.6
30°	12099.5	12546.4	12905.3	12899.8	12905.3	12546.4	12099.5	11291.6	10160.4	8790.5	7243.1
27.5°	16719.2	17640.2	18372.1	18248.0	18372.1	17640.2	16719.2	15320.5	13602.1	12123.0	10458.1
25°	23861.2	25545.8	26736.8	26491.8	26736.8	25545.8	23861.2	21755.3	19258.7	17033.1	14502.7
22.5°	34411.8	36572.9	37476.5	36759.9	37476.5	36572.9	34411.8	31833.0	28359.2	24454.7	20939.5
20°	50930.2	54936.9	57427.8	55942.4	57427.8	54936.9	50930.2	45988.5	40801.3	34649.6	29232.9
17.5°	76449.4	85141.4	92009.2	91819.9	92009.2	85141.4	76449.4	65455.0	56960.3	47774.3	39398.2
15°	107202.5	117095.8	124713.5	125594.4	124713.5	117095.8	107202.5	92909.1	76492.0	62988.3	50738.7
12.5°	134738.7	144800.2	152254.8	154399.9	152254.8	144800.2	134738.7	118263.6	99190.1	78822.6	62029.0
10°	154363.6	164404.3	171619.7	174164.1	171619.7	164404.3	154363.6	139889.8	118958.4	95363.5	72741.6
7.5°	168760.3	179653.5	185062.2	187826.7	185062.2	179653.5	168760.3	153901.7	134706.6	110506.1	85616.0
5°	179119.6	189243.5	194476.0	197825.9	194476.0	189243.5	179119.6	164410.1	146376.4	122673.6	95587.8
2.5°	185650.0	195207.8	201491.3	204496.1	201491.3	195207.8	185650.0	172019.6	153527.5	130167.3	101754.2
0°	187757.6	196933.3	203976.2	206669.7	203976.2	196933.3	187757.6	174812.3	155964.1	133215.4	104475.4
-2.5°	186777.3	195765.6	201382.8	202471.7	201382.8	195765.6	186777.3	174558.6	156795.3	133740.5	105893.5
-5°	181675.3	189959.7	195146.5	195998.8	195146.5	189959.7	181675.3	169648.1	152379.3	128730.3	101836.4
-7.5°	172879.8	181143.6	185430.9	186693.3	185430.9	181143.6	172879.8	160426.7	143709.0	120014.4	94214.3
-10°	160127.0	168110.8	172692.9	173779.7	172692.9	168110.8	160127.0	147759.9	129184.4	107031.3	82896.3
-12.5°	142725.5	151242.6	156371.0	157500.9	156371.0	151242.6	142725.5	129190.2	111778.5	90413.4	73163.8
-15°	120160.9	128921.9	135468.7	137052.5	135468.7	128921.9	120160.9	107562.6	90590.9	75843.0	62621.7
-17.5°	94150.7	102917.8	108800.7	109923.8	108800.7	102917.8	94150.7	82964.0	72993.1	62140.0	52596.8
-20°	71749.1	77387.5	80707.7	81286.0	80707.7	77387.5	71749.1	65310.1	58456.6	50710.6	43313.3



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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°	55601.2	59390.8	61412.3	61697.6	61412.3	59390.8	55601.2	51432.3	46331.1	40723.3	35010.8
-25°	43085.6	45839.1	47344.8	47595.4	47344.8	45839.1	43085.6	39728.3	35984.1	32374.6	28263.9
-27.5°	33082.3	34792.8	36193.8	35902.1	36193.8	34792.8	33082.3	30808.8	28284.5	26104.6	23512.2
-30°	26177.6	27274.6	28102.1	27885.3	28102.1	27274.6	26177.6	24737.3	22984.4	21189.5	19148.1
-32.5°	21187.3	22046.7	22628.4	22783.5	22628.4	22046.7	21187.3	19948.0	18377.4	16709.4	15026.4
-35°	16467.7	17170.0	17573.2	17729.7	17573.2	17170.0	16467.7	15456.9	14168.9	12503.1	11089.7
-37.5°	12023.1	12639.1	13023.8	13157.4	13023.8	12639.1	12023.1	11179.0	10041.9	8644.5	7552.5
-40°	8001.7	8476.4	8791.5	8913.4	8791.5	8476.4	8001.7	7375.5	6557.6	5601.7	4861.0
-42.5°	4947.4	5169.6	5310.3	5354.4	5310.3	5169.6	4947.4	4655.9	4281.6	3794.4	3394.5
-45°	3519.2	3580.5	3615.7	3622.4	3615.7	3580.5	3519.2	3432.9	3321.3	3186.1	3037.5
-47.5°	3136.1	3184.6	3209.3	3210.4	3209.3	3184.6	3136.1	3062.0	2967.1	2853.6	2737.8
-50°	2810.2	2855.0	2877.6	2879.1	2877.6	2855.0	2810.2	2745.4	2666.9	2573.0	2479.8
-52.5°	2525.9	2561.7	2578.2	2578.5	2578.2	2561.7	2525.9	2474.8	2412.5	2333.5	2257.8
-55°	2289.9	2317.7	2328.0	2326.0	2328.0	2317.7	2289.9	2249.3	2199.8	2133.5	2069.6
-57.5°	2096.8	2124.0	2132.6	2129.7	2132.6	2124.0	2096.8	2061.3	2018.6	1961.9	1904.2
-60°	1907.5	1936.6	1947.6	1946.7	1947.6	1936.6	1907.5	1866.3	1813.4	1748.4	1677.0
-62.5°	1608.0	1630.4	1642.4	1646.1	1642.4	1630.4	1608.0	1572.6	1523.1	1464.8	1399.9
-65°	1289.5	1307.3	1316.9	1319.9	1316.9	1307.3	1289.5	1261.5	1220.9	1174.3	1122.1
-67.5°	1000.9	1013.7	1019.9	1021.4	1019.9	1013.7	1000.9	980.9	950.2	914.9	874.9
-70°	774.1	784.5	789.4	791.3	789.4	784.5	774.1	758.9	734.4	707.3	677.9
-72.5°	610.5	618.9	622.3	623.7	622.3	618.9	610.5	599.1	579.2	558.3	536.9
-75°	493.0	498.0	500.0	501.0	500.0	498.0	493.0	485.8	470.8	455.1	438.7
-77.5°	415.8	421.1	423.0	424.3	423.0	421.1	415.8	409.5	398.1	386.0	371.6
-80°	367.8	371.6	373.1	374.2	373.1	371.6	367.8	363.3	353.3	343.1	331.8
-82.5°	333.8	338.9	339.3	339.4	339.3	338.9	333.8	328.5	320.0	311.3	301.6
-85°	301.6	305.5	306.1	306.7	306.1	305.5	301.6	297.5	289.9	282.1	273.8
-87.5°	273.3	277.0	277.1	277.1	277.1	277.0	273.3	269.5	262.7	255.9	248.5
-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°	223.9	219.3	214.7	211.7	208.6	204.0	199.4	192.8	186.1	179.5	172.8
87.5°	3.0	3.0	3.0	3.0	3.1	3.5	3.9	4.0	4.1	4.1	4.1
85°	3.1	3.5	3.9	3.9	3.8	3.9	4.1	4.4	4.6	4.6	4.5
82.5°	3.9	4.0	4.1	4.1	4.1	4.4	4.6	4.8	5.1	5.2	5.3
80°	4.1	4.1	4.1	4.4	4.6	4.8	5.1	5.2	5.2	5.7	5.9
77.5°	4.1	4.1	4.2	4.7	5.1	5.2	5.3	5.7	5.9	6.0	6.1
75°	6.1	5.8	5.6	5.7	5.9	5.9	6.0	6.0	6.2	6.4	6.3
72.5°	10.9	10.6	10.1	9.6	9.0	9.2	9.2	8.6	8.2	7.7	7.1
70°	16.4	17.0	17.5	17.6	17.6	17.6	16.3	14.4	12.7	12.1	10.4
67.5°	21.8	22.5	24.0	26.3	26.0	25.6	24.6	23.1	20.6	18.4	15.1
65°	24.8	26.0	26.1	26.0	27.7	29.4	31.3	30.6	30.5	27.2	21.5
62.5°	21.2	23.4	22.7	22.2	24.7	29.6	37.2	40.7	42.6	39.6	32.4
60°	12.5	14.0	14.9	16.6	19.7	27.9	40.0	48.8	56.4	51.3	42.8
57.5°	6.1	7.3	9.5	12.4	15.7	26.6	40.4	52.5	61.0	57.8	52.3
55°	10.1	11.6	12.7	13.9	15.2	26.8	39.2	51.5	60.8	59.8	55.2
52.5°	31.5	36.6	36.4	29.8	30.8	37.6	40.6	53.5	62.0	63.0	59.3
50°	130.4	135.5	117.9	97.4	97.4	77.0	80.2	77.0	74.5	76.5	69.1
47.5°	347.1	329.8	290.9	260.0	232.7	202.2	187.4	151.9	144.6	111.5	105.7
45°	593.4	566.8	521.2	469.6	425.3	385.7	349.2	320.4	265.6	236.5	166.8
42.5°	824.8	782.8	729.5	673.6	620.7	562.1	518.4	484.8	447.5	391.5	330.4
40°	1170.6	984.9	917.5	851.6	781.1	713.0	663.4	612.5	586.1	542.1	482.9
37.5°	1832.3	1426.8	1225.7	1027.0	940.6	864.6	807.3	755.1	704.7	665.9	610.2
35°	2917.0	2335.5	1799.5	1431.9	1141.1	1039.4	964.1	904.4	842.2	779.8	727.1
32.5°	4279.9	3558.6	2797.2	2138.0	1609.4	1280.8	1149.3	1064.4	984.7	907.8	832.4
30°	5918.6	5014.3	4050.6	3161.1	2431.2	1800.4	1388.1	1245.1	1137.4	1040.5	941.5
27.5°	8743.8	6847.7	5679.9	4566.0	3641.0	2760.2	1963.8	1446.2	1303.2	1184.6	1067.1
25°	12614.7	10470.6	8360.1	6846.5	5606.6	4101.2	2823.6	1952.8	1503.0	1336.3	1196.4
22.5°	17460.7	14576.0	11932.7	9608.2	7797.9	5858.9	4039.6	2513.9	1718.2	1496.7	1332.1
20°	23587.3	18871.8	15566.9	12590.0	9983.9	7528.4	5226.6	3365.0	2191.5	1668.1	1464.1
17.5°	31678.6	24718.4	19633.9	15806.5	12493.8	9589.8	6807.2	4431.0	2634.6	1842.6	1593.8
15°	40230.0	31350.4	24440.1	19026.4	14786.6	11412.2	8414.5	5499.1	3253.0	2151.4	1738.6
12.5°	49378.9	38620.5	29379.2	22298.6	16955.5	13009.8	9731.8	6664.1	4087.6	2514.2	1861.7
10°	57079.9	44858.4	34425.8	26097.3	19773.7	14787.8	10857.3	7586.4	4754.6	2831.1	1969.9
7.5°	65164.0	50114.5	38272.6	28803.1	21946.8	16666.4	12016.6	8271.5	5265.9	3067.1	2053.3
5°	70677.2	53601.9	40883.6	30643.2	23318.0	17947.5	13110.1	8746.9	5590.0	3228.2	2123.2
2.5°	74133.3	55497.3	42295.1	32013.6	24040.1	18591.8	13966.6	9348.5	5864.1	3371.9	2193.1
0°	76114.6	57236.8	43465.9	32870.6	24440.8	18941.2	14410.9	10046.2	6048.6	3468.0	2249.3
-2.5°	77762.1	57551.5	43198.3	32209.2	24192.8	18772.5	14312.6	10312.0	6447.5	3565.4	2309.4
-5°	75973.2	56760.3	42240.2	31396.4	23852.2	18506.9	14105.8	10234.6	6557.2	3607.3	2352.0
-7.5°	71740.1	54402.3	40652.3	30207.6	23173.0	18062.0	13720.4	9796.0	6286.8	3626.3	2409.1
-10°	65345.6	50605.4	37976.4	28596.1	22198.2	17374.7	13153.3	9291.4	5921.9	3548.3	2445.9
-12.5°	58581.3	45873.9	34744.3	26343.8	20845.9	16402.5	12347.4	8597.9	5420.6	3370.9	2473.5
-15°	51309.1	40595.2	31476.0	24451.9	19264.5	15135.6	11321.9	7712.3	4772.7	3114.7	2478.3
-17.5°	43769.7	35294.5	27643.5	21962.8	17490.7	13645.6	10063.3	6821.4	4302.0	2923.3	2464.7
-20°	36177.3	30016.4	24490.0	19622.4	15462.8	11839.2	8562.5	5741.0	3820.6	2876.5	2458.8



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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°	29704.9	25566.8	21348.5	17117.8	13480.7	10027.7	7038.6	4665.5	3240.1	2775.3	2422.4
-25°	24969.2	21609.3	18163.7	14768.0	11356.6	8146.1	5507.3	3898.1	3045.0	2681.5	2355.6
-27.5°	20760.1	17855.3	14980.2	12021.3	9044.2	6348.4	4374.4	3213.3	2850.0	2556.3	2288.0
-30°	16823.3	14320.1	11786.9	9197.8	6855.2	4772.6	3440.2	2994.5	2686.7	2422.4	2181.9
-32.5°	13029.6	10937.2	8714.8	6672.3	4892.0	3654.4	3110.4	2784.2	2529.7	2296.7	2082.0
-35°	9432.4	7792.3	6023.7	4693.5	3581.4	3176.8	2877.2	2619.7	2383.3	2170.3	1980.2
-37.5°	6310.2	5129.4	4243.9	3435.0	3172.7	2916.9	2686.1	2458.5	2238.6	2056.3	1888.9
-40°	4220.4	3517.5	3319.9	3104.8	2905.3	2705.4	2501.1	2295.6	2116.0	1949.2	1802.2
-42.5°	3258.9	3117.4	2987.7	2837.4	2675.3	2502.2	2322.3	2153.9	1996.5	1854.9	1723.3
-45°	2924.0	2815.0	2711.2	2596.7	2459.6	2314.7	2161.7	2021.7	1887.6	1765.0	1644.9
-47.5°	2639.9	2553.2	2464.5	2376.5	2264.9	2146.1	2025.2	1901.7	1788.9	1669.6	1499.0
-50°	2392.8	2323.8	2248.8	2175.6	2096.5	2006.4	1901.8	1796.5	1667.8	1506.2	1346.2
-52.5°	2188.4	2129.0	2067.8	2012.1	1951.9	1876.6	1783.5	1639.5	1491.1	1337.0	1186.7
-55°	2013.5	1963.1	1912.7	1869.0	1812.5	1703.1	1584.8	1446.0	1301.4	1159.3	1030.3
-57.5°	1860.2	1804.8	1730.8	1658.3	1584.9	1481.9	1365.2	1234.9	1111.1	992.1	875.1
-60°	1619.6	1557.3	1483.3	1407.7	1333.5	1242.5	1144.6	1039.1	929.1	831.2	734.0
-62.5°	1343.4	1284.0	1219.6	1155.2	1095.2	1024.9	939.3	854.9	765.8	679.0	608.9
-65°	1075.2	1028.2	974.9	923.7	876.5	824.5	752.7	688.5	625.1	560.4	499.4
-67.5°	837.6	800.8	759.3	718.7	688.6	656.3	608.6	556.3	510.2	468.3	429.4
-70°	650.6	626.4	599.9	571.0	548.0	528.0	498.3	463.3	427.2	394.5	364.6
-72.5°	517.3	502.0	485.2	466.8	448.4	433.5	413.1	387.4	360.6	331.9	308.3
-75°	423.0	411.6	399.4	386.8	373.6	359.3	346.0	330.7	314.3	296.7	280.5
-77.5°	358.3	350.5	342.6	335.7	328.4	320.3	310.5	296.9	284.0	270.4	257.7
-80°	321.0	314.5	308.0	302.8	297.2	290.6	282.9	271.6	260.2	248.4	237.5
-82.5°	292.0	286.5	281.0	276.1	270.9	264.8	258.2	248.5	238.8	228.5	218.4
-85°	265.6	260.5	255.4	250.9	246.3	240.8	235.1	226.7	218.3	209.1	199.9
-87.5°	241.2	236.3	231.3	227.9	224.5	219.5	214.4	207.3	200.1	192.2	184.3
-90°	2.0	2.0	2.0	2.6	3.1	3.1	3.1	3.6	4.1	4.1	4.1



REPORT NUMBER: P1306244 (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°	166.7	160.5	154.4	148.3	143.2	138.0	132.4	126.8	119.1	111.4	99.7
87.5°	4.4	4.7	5.2	5.7	5.6	5.6	6.1	6.6	6.5	6.5	7.0
85°	5.0	5.4	5.7	6.1	6.1	6.1	6.6	7.0	6.9	6.9	7.3
82.5°	5.7	6.0	6.0	6.1	6.5	6.7	7.1	7.5	7.4	7.3	7.6
80°	6.0	6.2	6.4	6.5	6.8	7.3	7.6	7.9	8.0	8.0	8.1
77.5°	6.1	6.2	6.8	7.1	7.1	7.3	7.8	8.3	8.6	8.7	8.8
75°	6.1	6.3	6.9	7.3	7.3	7.4	7.9	8.4	9.0	9.4	9.4
72.5°	6.9	6.9	7.2	7.4	7.7	8.0	8.3	8.6	9.3	9.8	10.0
70°	8.7	7.8	7.8	8.2	8.4	8.7	9.1	9.4	9.7	10.3	10.5
67.5°	11.3	10.1	9.3	9.3	9.5	9.8	10.1	10.3	10.6	10.8	11.1
65°	17.7	14.3	11.2	11.1	11.0	11.0	11.1	11.6	11.5	12.1	11.8
62.5°	25.7	20.5	17.2	14.3	13.4	14.0	12.5	13.8	12.8	13.5	13.1
60°	34.7	27.6	24.0	21.2	18.9	18.5	17.7	16.5	16.1	15.1	14.9
57.5°	42.4	33.9	31.9	28.7	27.4	25.4	24.4	22.3	20.1	18.8	16.8
55°	48.4	41.3	40.4	37.7	37.1	34.3	32.7	29.9	25.3	23.3	19.1
52.5°	51.8	50.9	50.0	49.9	49.2	45.1	43.3	38.2	34.2	28.1	23.6
50°	60.4	63.9	62.6	65.6	63.2	61.1	54.7	49.5	43.7	34.4	28.5
47.5°	89.2	91.8	84.8	87.0	82.7	79.5	71.6	62.3	53.9	43.8	33.7
45°	164.6	138.0	129.9	120.0	110.2	105.9	91.9	75.9	66.4	53.8	39.1
42.5°	269.5	232.5	207.2	159.7	156.1	138.2	116.3	97.9	79.6	64.1	46.7
40°	412.2	362.8	308.5	258.0	213.5	175.2	152.5	123.4	93.4	75.5	56.0
37.5°	549.1	493.0	437.6	369.5	289.1	237.0	193.7	150.9	111.3	88.6	65.4
35°	662.3	607.6	555.3	482.3	398.6	302.0	238.9	184.3	136.8	102.3	75.0
32.5°	764.2	701.1	639.3	579.9	489.5	368.4	293.9	222.5	163.0	116.5	84.7
30°	861.6	784.9	712.9	655.4	561.5	443.1	348.2	258.8	189.6	131.1	94.5
27.5°	962.8	869.1	783.9	716.9	619.9	507.3	390.9	293.3	216.6	147.1	105.3
25°	1071.3	961.2	866.7	781.6	678.7	555.0	429.0	326.0	244.8	165.7	115.6
22.5°	1186.1	1053.3	946.5	850.8	743.7	601.5	466.2	359.5	266.6	183.0	125.3
20°	1294.6	1139.0	1019.3	908.5	805.9	654.1	504.5	386.6	287.0	199.1	134.6
17.5°	1402.6	1221.8	1075.8	959.0	858.8	708.4	543.7	411.9	306.0	213.9	143.2
15°	1504.4	1302.4	1132.5	1003.7	901.3	759.6	582.0	435.7	323.3	227.4	151.9
12.5°	1598.8	1378.3	1188.5	1042.2	932.8	805.6	618.7	457.9	339.0	241.0	160.7
10°	1683.4	1449.8	1243.2	1078.9	960.3	846.3	653.1	482.2	359.3	254.4	168.9
7.5°	1753.0	1515.1	1293.6	1113.7	985.1	881.2	690.4	513.3	379.3	266.5	176.5
5°	1812.7	1574.0	1343.8	1154.6	1013.7	909.6	724.3	542.7	397.9	277.3	183.5
2.5°	1866.7	1625.7	1390.8	1193.3	1040.3	932.2	753.8	569.8	414.7	286.6	189.8
0°	1910.9	1668.6	1431.4	1227.9	1064.3	949.8	779.1	594.0	429.4	294.5	195.3
-2.5°	1950.8	1699.1	1464.9	1264.1	1104.2	976.2	794.5	606.2	441.5	304.8	202.0
-5°	1980.0	1721.3	1492.1	1295.9	1140.0	997.4	805.6	615.0	451.1	313.4	207.9
-7.5°	2026.2	1747.2	1516.3	1323.7	1170.7	1012.9	812.1	620.6	458.2	320.1	212.8
-10°	2062.2	1771.0	1538.8	1346.7	1190.8	1025.9	815.4	623.0	462.6	324.8	216.8
-12.5°	2090.2	1788.0	1553.8	1363.7	1206.7	1037.0	824.2	625.7	464.3	327.2	219.9
-15°	2111.3	1813.1	1569.4	1375.4	1220.1	1042.6	826.5	625.6	462.2	326.8	221.8
-17.5°	2118.0	1822.7	1577.3	1384.5	1229.4	1042.9	821.8	620.4	457.1	323.6	223.1
-20°	2121.4	1826.6	1574.3	1385.4	1232.2	1030.7	809.8	609.7	448.9	318.5	223.7



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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°	2111.6	1828.3	1584.6	1384.0	1222.3	1011.5	790.4	593.8	437.4	311.4	223.4
-25°	2070.3	1819.8	1586.5	1388.9	1196.4	984.1	769.6	577.2	422.7	302.4	222.1
-27.5°	2020.6	1787.9	1576.8	1382.7	1169.8	952.2	747.1	563.0	410.1	291.4	219.8
-30°	1965.7	1751.2	1553.9	1360.3	1134.2	917.5	719.9	544.4	398.4	284.9	216.6
-32.5°	1887.9	1708.4	1523.7	1313.4	1090.0	876.7	687.2	521.1	383.6	281.1	213.7
-35°	1812.3	1656.4	1486.7	1256.3	1038.2	835.3	651.7	493.1	365.8	275.7	210.5
-37.5°	1732.3	1591.8	1414.1	1190.1	977.5	787.5	615.8	466.3	344.8	268.8	206.2
-40°	1660.1	1505.8	1313.7	1115.1	914.2	732.5	575.0	440.2	331.4	260.3	200.8
-42.5°	1583.7	1390.4	1207.3	1026.9	844.8	679.0	531.0	410.9	320.3	252.0	194.3
-45°	1458.3	1271.8	1094.4	931.8	769.8	619.9	494.3	381.2	307.2	243.1	188.7
-47.5°	1325.9	1149.3	982.1	832.0	697.1	560.0	451.8	363.8	292.0	232.9	185.4
-50°	1188.0	1026.1	871.8	738.1	613.9	509.2	411.3	344.1	278.5	221.2	181.5
-52.5°	1045.7	903.9	767.4	643.8	545.7	454.9	383.4	321.3	263.2	213.5	177.0
-55°	903.9	785.9	664.3	562.6	479.2	414.5	353.2	299.5	246.4	207.1	172.2
-57.5°	771.4	667.9	575.1	489.4	426.1	375.3	324.6	276.1	235.6	199.9	169.5
-60°	643.6	568.7	490.4	431.5	380.9	337.7	296.2	255.2	226.1	192.6	166.0
-62.5°	538.9	477.0	430.8	381.5	338.8	302.9	269.0	242.0	215.2	187.5	161.8
-65°	456.5	416.3	375.4	337.1	300.0	271.8	253.0	228.2	206.3	181.8	157.2
-67.5°	391.7	359.3	327.4	293.8	270.9	253.3	236.0	217.3	197.9	175.6	152.0
-70°	334.6	305.8	286.5	268.9	251.0	235.3	223.2	207.5	189.2	169.0	146.5
-72.5°	292.1	277.0	262.2	246.8	234.2	222.5	211.2	197.3	180.4	162.0	140.7
-75°	265.9	254.0	242.8	231.3	220.1	209.5	199.0	186.7	171.2	154.7	134.6
-77.5°	247.2	237.0	226.1	215.7	206.1	196.4	186.7	175.8	161.8	147.0	128.3
-80°	228.7	219.6	210.2	201.1	192.2	183.1	174.5	164.9	152.2	139.0	121.7
-82.5°	210.2	202.1	194.3	186.3	178.5	170.7	162.6	153.9	142.4	130.7	115.5
-85°	192.9	186.0	178.7	171.4	164.8	158.3	151.1	143.8	134.1	124.4	110.4
-87.5°	178.3	172.3	165.8	159.4	153.8	148.2	141.8	135.4	126.7	118.0	105.1
-90°	4.1	4.1	4.6	5.1	5.1	5.1	5.6	6.1	6.1	6.1	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	87.9	73.1	58.3	41.9	25.6	17.4	9.2
87.5°	7.5	7.5	7.5	7.5	7.4	8.4	9.2
85°	7.7	7.9	7.9	7.7	7.6	8.6	9.2
82.5°	8.0	8.2	8.2	8.0	7.7	8.7	9.2
80°	8.3	8.5	8.6	8.2	7.9	8.9	9.2
77.5°	8.8	8.9	8.9	8.5	8.2	9.1	9.2
75°	9.4	9.4	9.3	8.7	8.4	9.3	9.2
72.5°	9.9	9.8	9.6	9.0	8.6	9.5	9.2
70°	10.5	10.2	10.0	9.3	8.9	9.7	9.2
67.5°	11.2	10.7	10.4	9.7	9.1	9.9	9.2
65°	12.0	11.4	10.8	10.1	9.4	10.1	9.2
62.5°	12.8	12.3	11.3	10.5	9.7	10.3	9.2
60°	13.8	13.3	11.7	10.9	10.0	10.5	9.2
57.5°	15.7	14.3	12.8	11.4	10.6	10.7	9.2
55°	17.9	15.4	13.9	11.8	11.2	10.9	9.2
52.5°	20.1	16.7	15.1	12.2	11.8	11.1	9.2
50°	22.5	19.0	16.4	12.7	12.5	11.3	9.2
47.5°	25.2	21.4	17.7	13.3	13.2	11.6	9.2
45°	29.9	24.0	19.1	14.3	13.9	11.8	9.2
42.5°	34.6	26.6	20.5	15.4	14.7	12.0	9.2
40°	39.7	29.3	22.3	16.9	15.5	12.2	9.2
37.5°	44.9	32.2	24.4	18.7	16.3	12.4	9.2
35°	50.1	35.9	26.6	20.5	17.2	12.7	9.2
32.5°	56.2	40.1	28.8	22.3	18.1	12.9	9.2
30°	63.9	44.2	31.0	24.2	19.0	13.1	9.2
27.5°	71.5	48.3	33.9	26.0	19.9	13.3	9.2
25°	78.9	52.2	37.0	27.9	20.9	13.5	9.2
22.5°	86.0	56.3	39.9	29.8	21.8	13.7	9.2
20°	92.8	61.0	42.8	31.6	22.8	13.9	9.2
17.5°	99.8	65.5	45.6	33.4	23.7	14.1	9.2
15°	106.8	69.9	48.3	35.2	24.6	14.3	9.2
12.5°	113.4	74.1	50.9	37.0	25.6	14.5	9.2
10°	119.5	78.1	53.5	38.7	26.5	14.7	9.2
7.5°	125.1	82.0	55.9	40.4	27.3	14.9	9.2
5°	130.3	85.6	58.2	42.0	28.2	15.0	9.2
2.5°	134.9	88.9	60.4	43.5	29.0	15.2	9.2
0°	139.0	92.0	62.4	45.0	29.7	15.3	9.2
-2.5°	143.8	95.7	65.3	46.9	30.8	15.9	9.2
-5°	148.0	99.1	68.1	48.7	31.9	16.4	9.2
-7.5°	151.6	102.2	70.6	50.4	32.9	16.9	9.2
-10°	154.7	105.0	73.1	52.0	33.9	17.4	9.2
-12.5°	157.0	107.5	75.3	53.5	34.8	17.9	9.2
-15°	158.7	109.6	77.3	54.9	35.6	18.4	9.2
-17.5°	159.8	111.4	79.1	56.1	36.3	18.8	9.2
-20°	160.6	112.8	80.7	57.2	37.0	19.2	9.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	161.3	113.9	82.1	58.2	37.6	19.6	9.2
-25°	161.4	115.2	83.2	59.0	38.1	20.0	9.2
-27.5°	160.7	116.4	84.1	59.6	38.6	20.3	9.2
-30°	159.3	117.2	84.8	60.2	39.0	20.6	9.2
-32.5°	157.1	117.6	85.9	60.5	39.3	20.8	9.2
-35°	156.3	117.6	86.8	60.8	39.5	21.1	9.2
-37.5°	155.8	117.6	87.5	60.8	39.7	21.3	9.2
-40°	154.8	118.1	87.9	60.7	39.7	21.4	9.2
-42.5°	153.2	118.3	88.1	60.7	39.7	21.5	9.2
-45°	150.9	118.2	88.3	60.8	39.6	21.6	9.2
-47.5°	148.1	117.8	88.2	60.8	39.5	21.7	9.2
-50°	146.6	117.0	87.9	60.8	39.2	21.7	9.2
-52.5°	145.0	115.9	87.3	60.7	38.9	21.6	9.2
-55°	143.1	114.5	86.4	60.4	38.5	21.6	9.2
-57.5°	140.8	112.8	85.3	60.0	38.0	21.5	9.2
-60°	138.1	110.8	84.0	59.4	37.5	21.3	9.2
-62.5°	135.0	108.4	82.8	58.7	36.9	21.2	9.2
-65°	131.6	105.8	81.5	57.8	36.3	21.0	9.2
-67.5°	127.7	103.0	79.9	56.8	35.5	20.7	9.2
-70°	123.5	100.3	78.1	55.6	34.7	20.5	9.2
-72.5°	119.3	97.2	76.1	54.3	33.8	20.2	9.2
-75°	114.7	93.9	73.9	52.9	32.8	19.8	9.2
-77.5°	109.9	90.3	71.7	51.3	31.7	19.5	9.2
-80°	104.7	87.0	69.3	49.7	30.6	19.1	9.2
-82.5°	100.6	83.8	66.8	47.9	29.4	18.7	9.2
-85°	96.6	80.4	64.1	46.0	28.2	18.3	9.2
-87.5°	92.3	76.8	61.3	44.0	26.9	17.9	9.2
-90°	7.2	7.2	7.2	7.2	7.2	8.2	9.2

(END OF REPORT)