

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: P1306268 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306268 (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-57-80-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

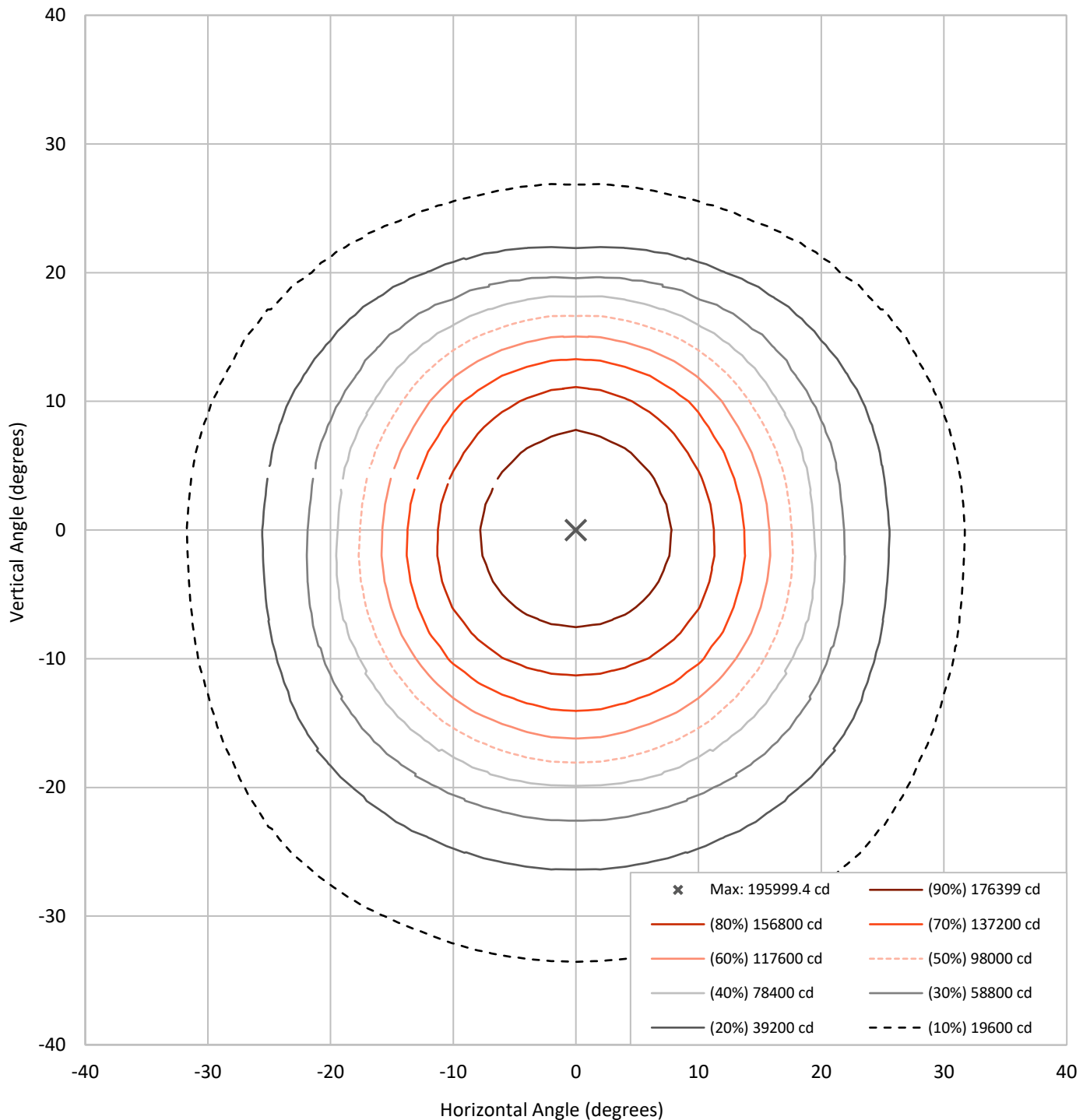
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	81304.5 lumens	Max Intensity:	195999.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	35.2°H x 34.7°V	Field Angle (10%):	63.4°H x 60.3°V
Beam Lumens:	43638.5 lumens	Field Lumens:	71012.9 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





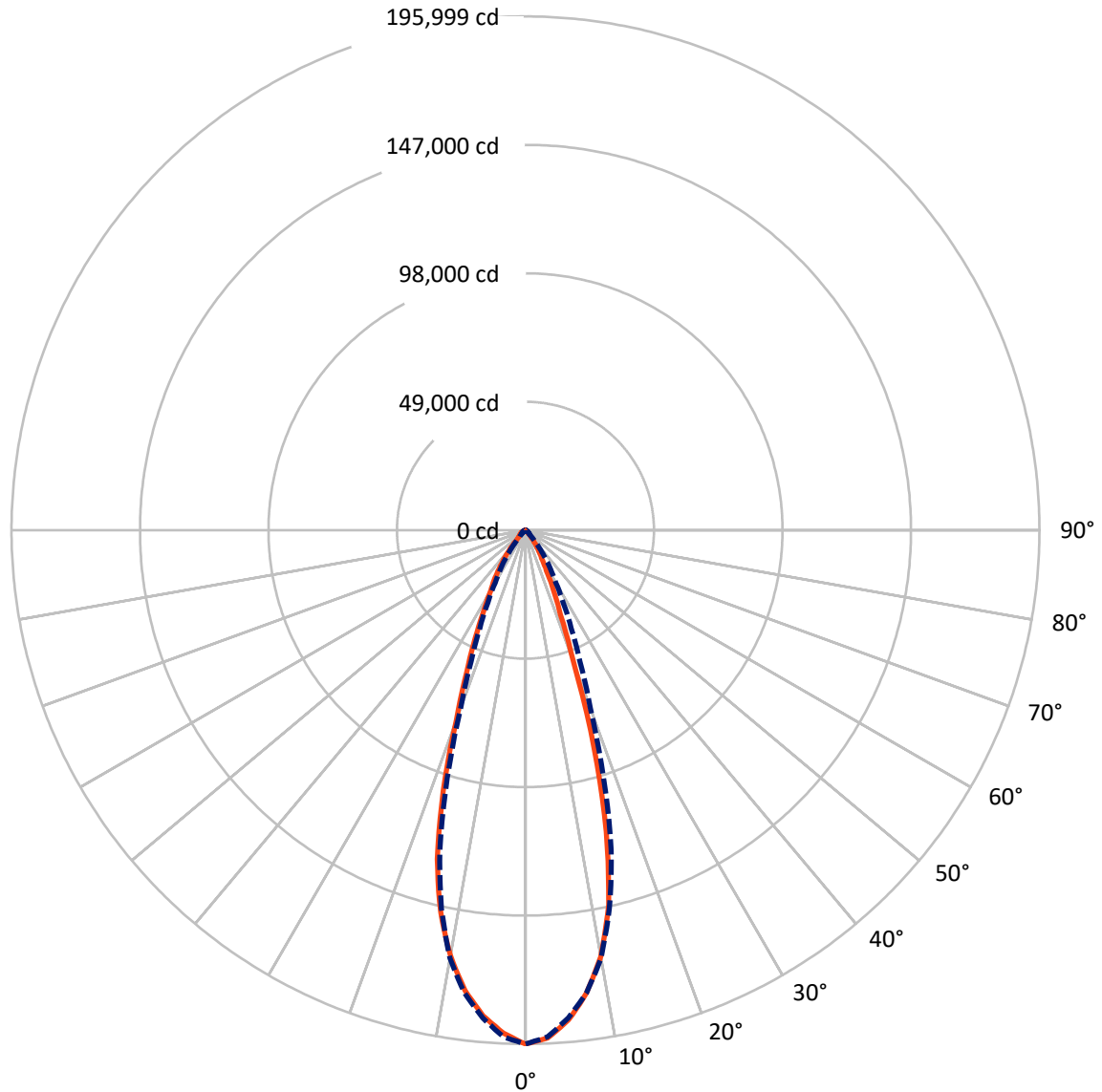
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Lumen Table

90	0.3	0.9		1.5		2.1		2.4		2.1		1.5		0.9		0.3			
80	0.3	0.9		1.5		2.1		2.4		2.1		1.5		0.9		0.3			
70	0.3	0.1	0.2	0.5	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.7	0.5	0.2	0.1	0.3			
60		0.4	0.7	1.1	1.1	0.8	1.0	1.1	1.1	1.0	0.8	1.1	1.1	0.7	0.4				
50	0.8	1.0	2.3	4.7	8.5	13.5	19.7	25.5	25.5	19.7	13.5	8.5	4.7	2.3	1.0	0.8			
40		2.4	7.7	14.8	24.3	56.1	125.5	203.3	203.3	125.5	56.1	24.3	14.8	7.7	2.4				
30	1.8	4.3	12.9	25.0	78.5	241.4	526.7	798.7	798.7	526.7	241.4	78.5	25.0	12.9	4.3	1.8			
20		5.8	16.9	40.0	204.2	677.3	1809.7	3215.7	3215.7	1809.7	677.3	204.2	40.0	16.9	5.8				
10	2.6	7.1	19.8	55.4	319.7	1111.7	3290.3	5268.8	5268.8	3290.3	1111.7	319.7	55.4	19.8	7.1	2.6			
0		7.9	22.1	62.0	342.6	1167.6	3449.4	5310.5	5310.5	3449.4	1167.6	342.6	62.0	22.1	7.9				
-10	3.0	8.1	23.3	57.1	273.5	862.5	2171.3	3567.3	3567.3	2171.3	862.5	273.5	57.1	23.3	8.1	3.0			
-20		7.6	23.2	48.9	150.5	479.0	940.4	1358.1	1358.1	940.4	479.0	150.5	48.9	23.2	7.6				
-30	2.8	6.5	20.9	41.0	72.3	177.8	358.1	495.0	495.0	358.1	177.8	72.3	41.0	20.9	6.5	2.8			
-40		5.1	15.7	32.8	51.7	71.7	97.9	125.3	125.3	97.9	71.7	51.7	32.8	15.7	5.1				
-50	2.4	3.8	9.8	21.3	36.8	49.6	59.9	67.2	67.2	59.9	49.6	36.8	21.3	9.8	3.8	2.4			
-60		2.8	5.7	10.8	18.5	26.2	33.3	38.0	38.0	33.3	26.2	18.5	10.8	5.7	2.8				
-70	1.8	10.3		23.2		37.6		46.1		37.6		23.2		10.3		1.8			
-80		10.3		23.2		37.6		46.1		37.6		23.2		10.3					
-90	1.8	10.3		23.2		37.6		46.1		37.6		23.2		10.3		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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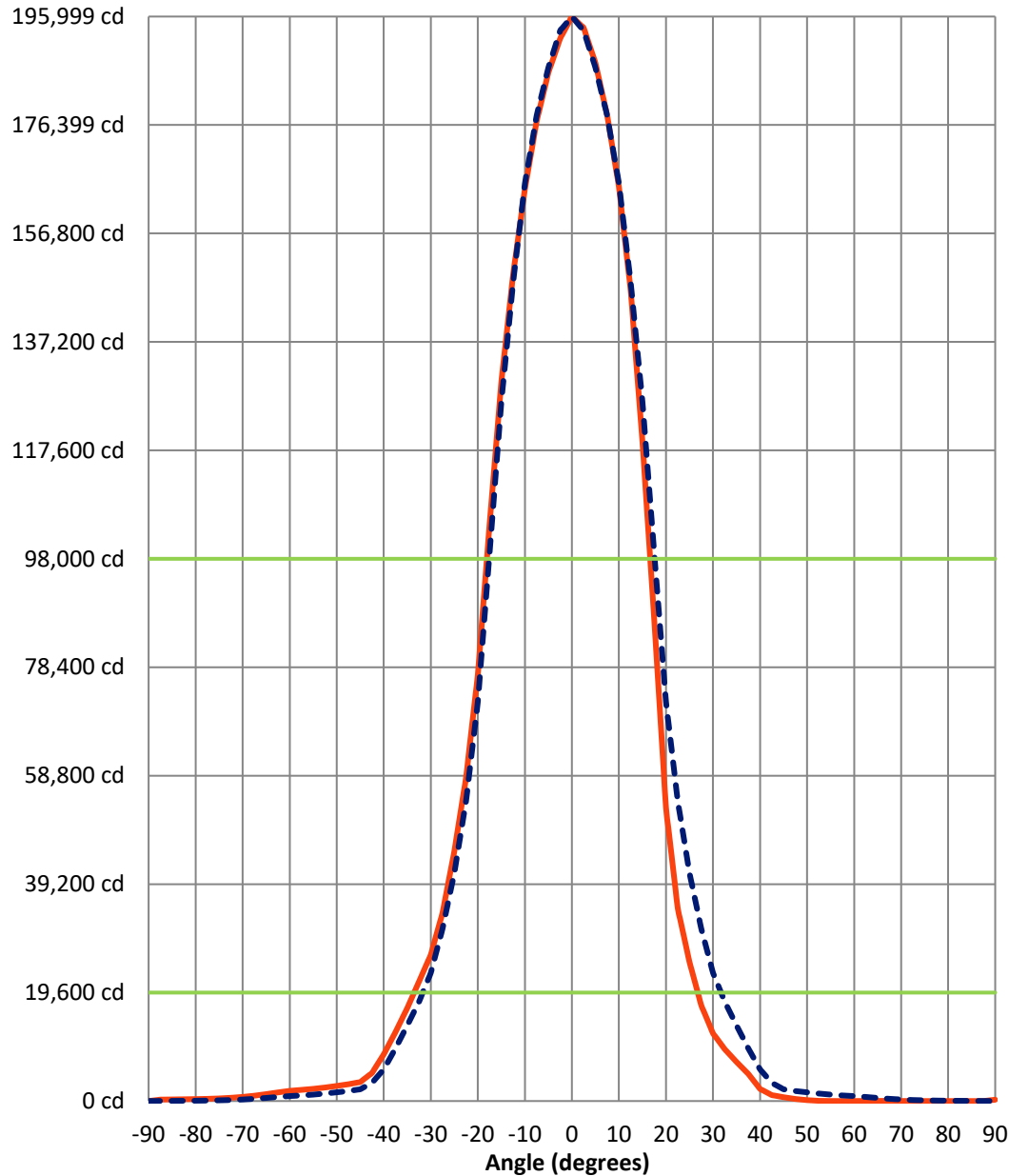
Luminous Intensity Polar Plot



— 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: 43638.5
 Efficiency: 53.7%

Field:
 H Angle: 63.4°
 V Angle: 60.3°
 Lumens: 71012.9
 Efficiency: 87.3%

Spill:
 Lumens: 10291.5
 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°	8.7	16.4	24.2	39.7	55.3	69.3	83.4	94.6	105.7	113.0	120.2
87.5°	8.7	7.9	7.0	7.0	7.1	7.1	7.1	6.6	6.1	6.2	6.2
85°	8.7	8.1	7.1	7.3	7.5	7.4	7.3	6.9	6.5	6.6	6.6
82.5°	8.7	8.3	7.3	7.5	7.8	7.8	7.6	7.2	6.9	7.0	7.1
80°	8.7	8.4	7.5	7.8	8.1	8.1	7.9	7.7	7.5	7.6	7.5
77.5°	8.7	8.6	7.7	8.0	8.4	8.4	8.4	8.3	8.2	8.2	7.9
75°	8.7	8.8	7.9	8.3	8.8	8.9	8.9	8.9	8.9	8.5	8.0
72.5°	8.7	9.0	8.1	8.5	9.1	9.3	9.4	9.5	9.3	8.9	8.2
70°	8.7	9.2	8.4	8.8	9.5	9.8	9.9	10.0	9.7	9.2	8.9
67.5°	8.7	9.4	8.6	9.2	9.9	10.2	10.6	10.5	10.3	10.0	9.8
65°	8.7	9.5	8.9	9.6	10.3	10.8	11.3	11.1	11.4	10.9	11.0
62.5°	8.7	9.7	9.2	9.9	10.7	11.7	12.1	12.4	12.8	12.1	13.1
60°	8.7	9.9	9.5	10.4	11.2	12.6	13.0	14.1	14.3	15.3	15.6
57.5°	8.7	10.1	10.0	10.8	12.2	13.6	14.9	16.0	17.8	19.0	21.1
55°	8.7	10.3	10.6	11.2	13.3	14.6	16.9	18.1	22.1	24.1	28.4
52.5°	8.7	10.5	11.2	11.6	14.4	15.8	19.1	22.4	26.7	32.5	36.2
50°	8.7	10.7	11.8	12.0	15.6	18.0	21.3	27.1	32.7	41.5	46.9
47.5°	8.7	10.9	12.5	12.6	16.8	20.3	23.9	32.0	41.6	51.1	59.1
45°	8.7	11.2	13.2	13.6	18.1	22.7	28.3	37.1	51.0	63.0	72.1
42.5°	8.7	11.4	13.9	14.6	19.4	25.2	32.8	44.3	60.8	75.5	92.9
40°	8.7	11.6	14.7	16.0	21.1	27.8	37.6	53.1	71.6	88.6	117.0
37.5°	8.7	11.8	15.5	17.7	23.1	30.5	42.6	62.1	84.1	105.6	143.2
35°	8.7	12.0	16.3	19.4	25.2	34.1	47.5	71.2	97.0	129.8	174.8
32.5°	8.7	12.2	17.1	21.2	27.3	38.0	53.3	80.3	110.5	154.6	211.0
30°	8.7	12.4	18.0	22.9	29.4	41.9	60.7	89.7	124.4	179.8	245.4
27.5°	8.7	12.6	18.9	24.7	32.2	45.8	67.9	99.9	139.6	205.4	278.1
25°	8.7	12.8	19.8	26.5	35.0	49.5	74.9	109.6	157.2	232.1	309.2
22.5°	8.7	13.0	20.6	28.2	37.8	53.4	81.6	118.9	173.6	252.9	341.0
20°	8.7	13.2	21.5	30.0	40.6	57.9	88.0	127.6	188.9	272.2	366.6
17.5°	8.7	13.4	22.4	31.7	43.2	62.2	94.7	135.9	202.9	290.2	390.6
15°	8.7	13.6	23.3	33.4	45.8	66.3	101.3	144.0	215.7	306.6	413.2
12.5°	8.7	13.7	24.2	35.1	48.3	70.3	107.6	152.4	228.5	321.5	434.2
10°	8.7	13.9	25.0	36.7	50.6	74.1	113.3	160.2	241.2	340.7	457.2
7.5°	8.7	14.1	25.9	38.3	52.9	77.8	118.7	167.4	252.7	359.7	486.8
5°	8.7	14.2	26.6	39.9	55.1	81.2	123.6	174.0	263.0	377.3	514.7
2.5°	8.7	14.4	27.4	41.3	57.2	84.4	128.0	180.0	271.8	393.3	540.4
0°	8.7	14.5	28.1	42.7	59.1	87.3	131.9	185.2	279.3	407.2	563.4
-2.5°	8.7	15.0	29.2	44.5	61.9	90.8	136.4	191.6	289.1	418.7	574.9
-5°	8.7	15.5	30.2	46.2	64.5	94.0	140.4	197.1	297.2	427.8	583.3
-7.5°	8.7	16.0	31.2	47.8	66.9	97.0	143.8	201.8	303.6	434.5	588.6
-10°	8.7	16.5	32.1	49.4	69.2	99.6	146.7	205.6	308.0	438.7	590.9
-12.5°	8.7	17.0	32.9	50.8	71.4	101.9	148.9	208.5	310.3	440.3	593.5
-15°	8.7	17.4	33.7	52.1	73.3	103.9	150.5	210.4	309.9	438.3	593.3
-17.5°	8.7	17.8	34.4	53.2	75.0	105.6	151.5	211.6	306.9	433.5	588.4
-20°	8.7	18.2	35.1	54.3	76.5	107.0	152.2	212.2	302.0	425.7	578.2



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 CATALOG NUMBER: EPH-08-530N-57-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.7	18.6	35.6	55.2	77.8	108.0	152.9	211.8	295.3	414.8	563.1
-25°	8.7	18.9	36.1	56.0	78.9	109.3	153.0	210.6	286.7	400.8	547.4
-27.5°	8.7	19.2	36.6	56.6	79.8	110.4	152.4	208.4	276.4	388.8	533.9
-30°	8.7	19.5	37.0	57.1	80.4	111.2	151.0	205.3	270.1	377.8	516.3
-32.5°	8.7	19.8	37.2	57.4	81.5	111.5	149.0	202.7	266.5	363.8	494.2
-35°	8.7	20.0	37.5	57.6	82.4	111.5	148.2	199.6	261.4	346.8	467.6
-37.5°	8.7	20.1	37.6	57.7	83.0	111.5	147.8	195.6	254.9	327.0	442.2
-40°	8.7	20.3	37.7	57.6	83.4	112.0	146.8	190.4	246.8	314.3	417.4
-42.5°	8.7	20.4	37.7	57.6	83.6	112.2	145.3	184.2	239.0	303.7	389.7
-45°	8.7	20.5	37.6	57.7	83.8	112.1	143.1	179.0	230.6	291.3	361.5
-47.5°	8.7	20.5	37.4	57.6	83.7	111.7	140.4	175.8	220.9	276.9	345.0
-50°	8.7	20.5	37.2	57.6	83.4	111.0	139.0	172.1	209.8	264.1	326.2
-52.5°	8.7	20.5	36.9	57.5	82.8	110.0	137.5	167.8	202.5	249.6	304.6
-55°	8.7	20.4	36.5	57.3	82.0	108.7	135.7	163.3	196.4	233.6	284.0
-57.5°	8.7	20.3	36.1	56.9	80.9	107.0	133.5	160.6	189.6	223.5	261.8
-60°	8.7	20.2	35.5	56.4	79.6	105.1	131.0	157.3	182.7	214.4	242.0
-62.5°	8.7	20.1	35.0	55.7	78.5	102.8	128.1	153.4	177.8	204.1	229.5
-65°	8.7	19.9	34.4	54.8	77.3	100.3	124.8	149.0	172.4	195.6	216.4
-67.5°	8.7	19.6	33.7	53.8	75.8	97.7	121.1	144.2	166.5	187.7	206.1
-70°	8.7	19.4	32.9	52.7	74.1	95.1	117.2	138.9	160.2	179.4	196.8
-72.5°	8.7	19.1	32.0	51.5	72.2	92.2	113.2	133.4	153.6	171.0	187.1
-75°	8.7	18.8	31.1	50.1	70.1	89.1	108.9	127.7	146.7	162.4	177.1
-77.5°	8.7	18.5	30.1	48.7	68.0	85.7	104.2	121.7	139.4	153.4	166.8
-80°	8.7	18.1	29.0	47.1	65.7	82.5	99.3	115.4	131.8	144.3	156.4
-82.5°	8.7	17.7	27.9	45.4	63.3	79.5	95.5	109.6	123.9	135.0	145.9
-85°	8.7	17.3	26.7	43.6	60.8	76.2	91.6	104.7	117.9	127.2	136.3
-87.5°	8.7	16.9	25.5	41.7	58.1	72.9	87.6	99.7	111.9	120.1	128.3
-90°	8.7	7.8	6.8	6.8	6.8	6.8	6.8	6.3	5.8	5.8	5.8



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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°	125.6	130.9	135.8	140.6	146.4	152.2	158.1	163.9	170.2	176.5	182.8
87.5°	5.8	5.3	5.3	5.4	4.9	4.5	4.2	3.9	3.9	3.9	3.8
85°	6.2	5.8	5.8	5.8	5.4	5.1	4.7	4.3	4.3	4.4	4.2
82.5°	6.7	6.3	6.1	5.8	5.7	5.7	5.4	5.0	4.9	4.8	4.5
80°	7.2	6.9	6.4	6.1	6.0	5.8	5.7	5.6	5.4	4.9	4.9
77.5°	7.4	6.9	6.7	6.7	6.4	5.9	5.8	5.8	5.7	5.6	5.4
75°	7.5	7.0	6.9	6.9	6.5	6.0	5.8	6.0	6.1	5.9	5.7
72.5°	7.8	7.6	7.3	7.0	6.8	6.5	6.5	6.7	7.3	7.8	8.2
70°	8.7	8.3	8.0	7.8	7.4	7.4	8.2	9.9	11.4	12.1	13.7
67.5°	9.6	9.3	9.1	8.8	8.9	9.6	10.8	14.3	17.4	19.5	21.9
65°	10.6	10.4	10.4	10.6	10.7	13.7	16.9	20.4	25.8	28.9	29.0
62.5°	11.8	13.3	12.7	13.6	16.4	19.5	24.4	30.7	37.6	40.4	38.6
60°	16.8	17.5	17.9	20.1	22.8	26.2	32.9	40.7	48.6	53.4	46.3
57.5°	23.1	24.1	25.9	27.2	30.2	32.2	40.2	49.6	54.7	57.8	49.7
55°	31.0	32.5	35.2	35.8	38.4	39.2	45.9	52.3	56.7	57.6	48.9
52.5°	41.1	42.8	46.7	47.3	47.4	48.2	49.1	56.3	59.8	58.8	50.7
50°	52.0	57.9	60.0	62.2	59.3	60.5	57.3	65.5	72.5	70.6	73.0
47.5°	67.9	75.5	78.5	82.5	80.4	87.0	84.6	100.3	105.7	137.1	144.1
45°	87.2	100.5	104.6	113.8	123.1	130.9	156.2	158.2	224.3	251.9	303.9
42.5°	110.3	131.1	148.1	151.4	196.5	220.5	255.6	313.3	371.3	424.4	459.8
40°	144.6	166.3	202.4	244.7	292.5	344.1	390.9	457.9	514.1	555.9	580.9
37.5°	183.8	224.8	274.2	350.4	414.9	467.6	520.8	578.7	631.6	668.3	716.1
35°	226.6	286.4	378.0	457.3	526.7	576.2	628.1	689.6	739.5	798.7	857.7
32.5°	278.7	349.4	464.2	549.9	606.2	664.9	724.8	789.4	860.9	933.9	1009.4
30°	330.2	420.2	532.5	621.5	676.1	744.4	817.2	892.9	986.8	1078.7	1180.8
27.5°	370.7	481.0	587.8	679.9	743.4	824.3	913.1	1012.0	1123.4	1235.9	1371.6
25°	406.9	526.3	643.6	741.2	821.9	911.5	1015.9	1134.6	1267.2	1425.4	1852.0
22.5°	442.2	570.4	705.3	806.9	897.6	998.9	1124.8	1263.3	1419.4	1629.5	2384.0
20°	478.4	620.3	764.3	861.5	966.7	1080.2	1227.8	1388.5	1582.0	2078.3	3191.3
17.5°	515.7	671.8	814.5	909.4	1020.3	1158.7	1330.2	1511.5	1747.5	2498.6	4202.3
15°	552.0	720.4	854.8	951.9	1074.0	1235.2	1426.8	1648.9	2040.3	3085.1	5215.1
12.5°	586.7	764.0	884.7	988.3	1127.2	1307.2	1516.3	1765.6	2384.4	3876.5	6320.0
10°	619.4	802.6	910.7	1023.2	1179.1	1374.9	1596.4	1868.3	2684.9	4509.1	7194.7
7.5°	654.8	835.7	934.2	1056.3	1226.9	1436.8	1662.5	1947.3	2908.7	4994.1	7844.4
5°	686.9	862.6	961.4	1095.0	1274.4	1492.7	1719.1	2013.5	3061.5	5301.4	8295.3
2.5°	714.9	884.1	986.7	1131.7	1319.0	1541.7	1770.3	2079.8	3197.8	5561.3	8865.9
0°	738.9	900.8	1009.4	1164.5	1357.5	1582.4	1812.2	2133.2	3289.0	5736.3	9527.6
-2.5°	753.5	925.8	1047.3	1198.9	1389.3	1611.3	1850.1	2190.2	3381.3	6114.6	9779.6
-5°	764.0	945.9	1081.2	1229.0	1415.0	1632.5	1877.8	2230.6	3421.0	6218.6	9706.2
-7.5°	770.1	960.6	1110.3	1255.4	1438.0	1657.0	1921.6	2284.6	3439.0	5962.2	9290.2
-10°	773.4	972.9	1129.3	1277.1	1459.3	1679.5	1955.7	2319.5	3365.1	5616.1	8811.7
-12.5°	781.6	983.4	1144.5	1293.3	1473.5	1695.7	1982.3	2345.8	3196.8	5140.7	8153.9
-15°	783.8	988.8	1157.2	1304.4	1488.4	1719.5	2002.4	2350.3	2953.9	4526.3	7314.2
-17.5°	779.4	989.1	1166.0	1313.0	1495.8	1728.6	2008.7	2337.4	2772.3	4079.9	6469.3
-20°	768.1	977.6	1168.6	1313.9	1493.0	1732.3	2011.9	2331.8	2728.0	3623.4	5444.6



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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°	749.7	959.3	1159.2	1312.5	1502.7	1733.9	2002.6	2297.3	2631.9	3072.8	4424.6
-25°	729.9	933.3	1134.6	1317.1	1504.6	1725.9	1963.4	2234.0	2543.0	2887.8	3696.8
-27.5°	708.5	903.0	1109.4	1311.2	1495.4	1695.6	1916.3	2169.9	2424.4	2702.8	3047.4
-30°	682.7	870.1	1075.6	1290.0	1473.7	1660.8	1864.2	2069.2	2297.4	2548.0	2839.9
-32.5°	651.8	831.4	1033.8	1245.6	1444.9	1620.2	1790.4	1974.5	2178.0	2399.1	2640.4
-35°	618.1	792.1	984.6	1191.5	1409.9	1570.8	1718.7	1878.0	2058.3	2260.2	2484.4
-37.5°	584.0	746.8	927.0	1128.7	1341.1	1509.6	1642.8	1791.4	1950.1	2123.1	2331.6
-40°	545.3	694.7	866.9	1057.5	1245.9	1428.0	1574.4	1709.1	1848.6	2006.8	2177.2
-42.5°	503.6	644.0	801.2	973.9	1145.0	1318.6	1501.9	1634.3	1759.1	1893.5	2042.7
-45°	468.8	587.9	730.1	883.7	1037.9	1206.0	1383.0	1559.9	1673.9	1790.2	1917.3
-47.5°	428.5	531.1	661.1	789.1	931.3	1089.9	1257.5	1421.6	1583.4	1696.5	1803.6
-50°	390.0	482.9	582.3	700.0	826.7	973.1	1126.7	1276.7	1428.4	1581.6	1703.7
-52.5°	363.6	431.4	517.6	610.5	727.8	857.1	991.7	1125.4	1267.9	1414.1	1554.8
-55°	335.0	393.1	454.5	533.5	630.0	745.3	857.2	977.0	1099.4	1234.2	1371.3
-57.5°	307.8	355.9	404.1	464.2	545.4	633.4	731.6	830.0	940.9	1053.8	1171.2
-60°	280.9	320.3	361.3	409.2	465.1	539.3	610.4	696.1	788.3	881.1	985.5
-62.5°	255.1	287.3	321.3	361.8	408.6	452.4	511.1	577.5	644.0	726.2	810.8
-65°	239.9	257.8	284.6	319.7	356.0	394.9	433.0	473.7	531.6	592.9	652.9
-67.5°	223.8	240.3	257.0	278.7	310.6	340.8	371.5	407.2	444.1	483.9	527.6
-70°	211.7	223.2	238.1	255.1	271.7	290.0	317.4	345.8	374.2	405.1	439.5
-72.5°	200.3	211.0	222.1	234.1	248.7	262.7	277.0	292.4	314.8	342.0	367.5
-75°	188.8	198.7	208.8	219.3	230.3	240.9	252.2	266.0	281.4	298.1	313.6
-77.5°	177.1	186.2	195.5	204.5	214.5	224.8	234.5	244.4	256.5	269.3	281.6
-80°	165.5	173.7	182.2	190.6	199.4	208.3	216.9	225.2	235.7	246.7	257.6
-82.5°	154.2	161.9	169.3	176.6	184.2	191.6	199.4	207.2	216.7	226.4	235.7
-85°	143.3	150.1	156.3	162.5	169.5	176.4	183.0	189.6	198.3	207.0	215.0
-87.5°	134.5	140.5	145.9	151.1	157.3	163.4	169.1	174.8	182.3	189.8	196.5
-90°	5.3	4.8	4.8	4.8	4.4	3.9	3.9	3.9	3.9	3.9	3.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	189.1	193.5	197.8	200.7	203.6	208.0	212.3	218.7	225.0	230.3	235.6
87.5°	3.7	3.3	2.9	2.8	2.8	2.8	2.8	2.4	1.9	1.9	1.9
85°	3.9	3.7	3.6	3.7	3.7	3.3	2.9	2.9	2.8	2.9	2.9
82.5°	4.3	4.2	3.9	3.9	3.9	3.8	3.7	3.4	2.9	2.9	2.9
80°	4.8	4.6	4.4	4.2	3.9	3.9	3.9	3.5	2.9	2.9	2.9
77.5°	5.0	4.9	4.8	4.5	4.0	3.9	3.9	3.5	3.0	2.9	2.9
75°	5.7	5.6	5.5	5.4	5.3	5.4	5.7	5.6	5.3	5.0	4.7
72.5°	8.7	8.8	8.6	9.1	9.6	10.0	10.3	10.6	11.0	11.7	12.6
70°	15.5	16.7	16.7	16.7	16.6	16.1	15.6	15.4	15.5	15.8	16.1
67.5°	23.3	24.3	24.7	24.9	22.7	21.3	20.7	20.8	21.6	23.4	25.9
65°	29.7	27.9	26.3	24.6	24.7	24.7	23.5	23.0	23.7	24.8	26.0
62.5°	35.3	28.0	23.4	21.1	21.5	22.3	20.1	18.5	18.0	17.6	17.8
60°	38.0	26.5	18.6	15.8	14.2	13.3	11.9	10.1	9.6	9.5	9.7
57.5°	38.4	25.2	14.8	11.7	9.0	6.9	5.8	5.0	5.1	4.9	4.8
55°	37.2	25.5	14.4	13.2	12.1	11.0	9.6	9.3	8.8	8.8	9.3
52.5°	38.5	35.7	29.2	28.3	34.5	34.7	29.9	36.8	41.4	45.1	46.8
50°	76.1	73.1	92.4	92.3	111.8	128.5	123.7	133.4	150.2	164.9	173.9
47.5°	177.8	191.8	220.7	246.5	275.8	312.8	329.2	340.8	355.5	375.3	388.5
45°	331.2	365.8	403.3	445.3	494.3	537.6	562.8	587.1	603.2	620.7	641.5
42.5°	491.7	533.1	588.7	638.8	691.8	742.4	782.3	817.5	886.0	983.7	1061.4
40°	629.2	676.2	740.8	807.7	870.1	934.1	1110.2	1260.2	1447.2	1726.4	1973.7
37.5°	765.7	820.0	892.1	974.1	1162.4	1353.0	1737.6	2153.0	2512.9	2916.5	3324.1
35°	914.4	985.7	1082.1	1358.0	1706.6	2214.9	2766.3	3383.3	3907.0	4470.6	5296.2
32.5°	1090.0	1214.7	1526.3	2027.6	2652.8	3374.9	4058.9	4834.5	5488.5	6524.0	7785.0
30°	1316.4	1707.4	2305.7	2997.8	3841.4	4755.4	5613.1	6869.2	8336.7	9635.8	10708.6
27.5°	1862.5	2617.8	3453.1	4330.2	5386.6	6494.1	8292.4	9918.1	11497.1	12899.9	14529.5
25°	2677.8	3889.5	5317.2	6493.0	7928.5	9930.0	11963.5	13754.0	16153.7	18264.4	20632.1
22.5°	3831.1	5556.5	7395.4	9112.2	11316.6	13823.4	16559.2	19858.4	23192.0	26895.0	30189.4
20°	4956.8	7139.7	9468.4	11940.0	14763.2	17897.4	22369.5	27723.7	32860.7	38694.7	43614.2
17.5°	6455.8	9094.6	11848.7	14990.4	18620.2	23442.2	30043.0	37364.1	45307.8	54019.5	62075.5
15°	7980.1	10823.0	14023.2	18044.1	23178.3	29731.8	38152.9	48119.1	59736.2	72542.8	88112.3
12.5°	9229.4	12338.1	16080.1	21147.3	27862.3	36626.6	46829.5	58826.4	74753.1	94068.9	112157.7
10°	10296.7	14024.3	18752.8	24749.9	32648.4	42542.4	54132.8	68986.0	90439.9	112816.6	132667.3
7.5°	11396.2	15806.0	20813.7	27316.0	36296.6	47527.2	61799.6	81195.7	104800.7	127751.7	145955.7
5°	12433.2	17020.9	22114.1	29061.1	38772.8	50834.5	67028.1	90652.6	116340.0	138819.0	155921.7
2.5°	13245.5	17631.9	22798.9	30360.7	40111.4	52631.9	70305.8	96500.6	123446.7	145600.8	163138.2
0°	13666.9	17963.3	23178.9	31173.5	41221.7	54281.7	72184.8	99081.3	126337.5	147911.7	165786.8
-2.5°	13573.6	17803.4	22943.7	30546.2	40968.0	54580.1	73747.3	100426.3	126835.5	148700.0	165546.2
-5°	13377.5	17551.4	22620.7	29775.5	40059.4	53829.8	72050.8	96578.6	122084.0	144512.0	160889.3
-7.5°	13012.0	17129.4	21976.6	28648.0	38553.5	51593.5	68036.2	89350.0	113818.1	136289.4	152143.9
-10°	12474.3	16477.7	21052.2	27119.7	36015.6	47992.7	61971.8	78616.4	101505.3	122514.7	140131.1
-12.5°	11710.0	15555.6	19769.7	24983.6	32950.4	43505.4	55556.8	69386.4	85745.4	106007.3	122520.1
-15°	10737.3	14354.1	18269.9	23189.5	29851.0	38499.3	48660.1	59388.6	71927.2	85913.7	102009.2
-17.5°	9543.8	12941.1	16587.7	20828.9	26216.3	33472.2	41509.8	49881.2	58931.8	69224.5	78680.6
-20°	8120.5	11228.0	14664.4	18609.3	23225.6	28466.6	34309.5	41077.1	48092.4	55438.5	61938.1



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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°	6675.2	9510.0	12784.6	16234.0	20246.3	24246.8	28171.2	33203.1	38620.7	43939.0	48776.8
-25°	5222.9	7725.5	10770.2	14005.5	17225.9	20493.6	23680.0	26804.6	30703.1	34126.2	37677.1
-27.5°	4148.5	6020.6	8577.2	11400.6	14206.7	16933.5	19688.3	22298.3	24756.8	26824.2	29218.2
-30°	3262.5	4526.2	6501.3	8723.0	11178.3	13580.8	15954.7	18159.5	20095.5	21797.7	23460.1
-32.5°	2949.8	3465.8	4639.5	6327.8	8264.8	10372.6	12356.9	14250.6	15846.7	17428.6	18918.2
-35°	2728.7	3012.8	3396.5	4451.2	5712.7	7390.0	8945.4	10517.1	11857.6	13437.4	14658.9
-37.5°	2547.4	2766.3	3008.9	3257.7	4024.8	4864.6	5984.5	7162.5	8198.1	9523.4	10601.8
-40°	2372.0	2565.8	2755.4	2944.5	3148.5	3335.9	4002.5	4610.0	5312.4	6219.0	6994.7
-42.5°	2202.4	2373.0	2537.2	2690.9	2833.4	2956.5	3090.6	3219.2	3598.6	4060.6	4415.5
-45°	2050.1	2195.2	2332.6	2462.6	2571.2	2669.7	2773.0	2880.6	3021.7	3149.8	3255.7
-47.5°	1920.7	2035.3	2148.0	2253.8	2337.2	2421.3	2503.6	2596.5	2706.3	2813.9	2903.9
-50°	1803.6	1902.8	1988.3	2063.3	2132.7	2203.8	2269.4	2351.8	2440.2	2529.2	2603.6
-52.5°	1691.4	1779.7	1851.1	1908.2	1961.1	2019.1	2075.5	2141.3	2213.0	2287.9	2347.0
-55°	1503.0	1615.1	1718.9	1772.5	1814.0	1861.8	1909.5	1962.8	2023.4	2086.3	2133.2
-57.5°	1294.7	1405.4	1503.1	1572.7	1641.4	1711.6	1764.1	1805.9	1860.6	1914.3	1954.8
-60°	1085.5	1178.4	1264.6	1335.0	1406.7	1476.9	1536.0	1590.4	1658.2	1719.8	1769.9
-62.5°	890.8	972.0	1038.6	1095.6	1156.6	1217.8	1274.0	1327.6	1389.2	1444.5	1491.5
-65°	713.8	781.9	831.2	876.0	924.6	975.2	1019.7	1064.2	1113.6	1157.9	1196.4
-67.5°	577.2	622.4	653.0	681.6	720.2	759.5	794.4	829.8	867.6	901.1	930.3
-70°	472.6	500.7	519.7	541.5	569.0	594.1	617.0	642.9	670.7	696.4	719.6
-72.5°	391.7	411.1	425.2	442.7	460.1	476.1	490.6	509.2	529.4	549.3	568.1
-75°	328.2	340.7	354.2	366.8	378.8	390.4	401.1	416.0	431.6	446.5	460.8
-77.5°	294.4	303.7	311.3	318.3	324.9	332.4	339.7	352.3	366.0	377.5	388.4
-80°	268.3	275.6	281.9	287.2	292.1	298.2	304.4	314.7	325.4	335.1	344.5
-82.5°	244.8	251.1	256.9	261.9	266.5	271.8	277.0	286.0	295.2	303.5	311.6
-85°	222.9	228.4	233.6	238.0	242.3	247.1	251.8	259.7	267.7	275.0	282.2
-87.5°	203.3	208.1	212.9	216.2	219.4	224.1	228.7	235.7	242.7	249.2	255.7
-90°	2.9	2.9	2.9	2.4	1.9	1.9	1.9	1.9	1.9	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°	238.5	241.4	241.9	242.4	241.9	241.4	238.5	235.6	230.3	225.0	218.7
87.5°	1.4	1.0	1.4	1.9	1.4	1.0	1.4	1.9	1.9	1.9	2.4
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.4
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.5
77.5°	2.5	1.9	2.4	2.9	2.4	1.9	2.5	2.9	2.9	3.0	3.5
75°	4.3	3.9	3.4	2.9	3.4	3.9	4.3	4.7	5.0	5.3	5.6
72.5°	13.0	13.3	14.0	14.5	14.0	13.3	13.0	12.6	11.7	11.0	10.6
70°	15.5	14.6	14.5	14.5	14.5	14.6	15.5	16.1	15.8	15.5	15.4
67.5°	27.8	29.4	30.0	30.1	30.0	29.4	27.8	25.9	23.4	21.6	20.8
65°	27.0	28.0	28.1	28.1	28.1	28.0	27.0	26.0	24.8	23.7	23.0
62.5°	18.1	18.6	18.9	19.4	18.9	18.6	18.1	17.8	17.6	18.0	18.5
60°	10.1	10.8	11.2	11.6	11.2	10.8	10.1	9.7	9.5	9.6	10.1
57.5°	4.7	5.0	5.3	5.8	5.3	5.0	4.7	4.8	4.9	5.1	5.0
55°	9.8	10.3	10.6	10.7	10.6	10.3	9.8	9.3	8.8	8.8	9.3
52.5°	46.0	43.7	42.0	40.7	42.0	43.7	46.0	46.8	45.1	41.4	36.8
50°	177.7	173.3	168.5	163.9	168.5	173.3	177.7	173.9	164.9	150.2	133.4
47.5°	396.4	392.9	385.7	376.2	385.7	392.9	396.4	388.5	375.3	355.5	340.8
45°	670.0	689.4	698.1	693.3	698.1	689.4	670.0	641.5	620.7	603.2	587.1
42.5°	1087.8	1104.9	1106.5	1081.1	1106.5	1104.9	1087.8	1061.4	983.7	886.0	817.5
40°	2152.7	2301.9	2353.1	2199.1	2353.1	2301.9	2152.7	1973.7	1726.4	1447.2	1260.2
37.5°	3815.3	4401.5	4890.4	4909.2	4890.4	4401.5	3815.3	3324.1	2916.5	2512.9	2153.0
35°	6183.5	6786.5	7078.1	7065.7	7078.1	6786.5	6183.5	5296.2	4470.6	3907.0	3383.3
32.5°	8691.0	9147.8	9439.8	9369.5	9439.8	9147.8	8691.0	7785.0	6524.0	5488.5	4834.5
30°	11474.8	11898.7	12239.0	12233.8	12239.0	11898.7	11474.8	10708.6	9635.8	8336.7	6869.2
27.5°	15856.0	16729.5	17423.6	17305.9	17423.6	16729.5	15856.0	14529.5	12899.9	11497.1	9918.1
25°	22629.3	24226.9	25356.4	25124.0	25356.4	24226.9	22629.3	20632.1	18264.4	16153.7	13754.0
22.5°	32635.2	34684.7	35541.5	34862.0	35541.5	34684.7	32635.2	30189.4	26895.0	23192.0	19858.4
20°	48300.7	52100.5	54462.8	53054.1	54462.8	52100.5	48300.7	43614.2	38694.7	32860.7	27723.7
17.5°	72502.4	80745.5	87258.8	87079.3	87258.8	80745.5	72502.4	62075.5	54019.5	45307.8	37364.1
15°	101667.7	111050.1	118274.6	119109.9	118274.6	111050.1	101667.7	88112.3	72542.8	59736.2	48119.1
12.5°	127782.2	137324.2	144394.0	146428.2	144394.0	137324.2	127782.2	112157.7	94068.9	74753.1	58826.4
10°	146393.8	155916.1	162759.1	165172.1	162759.1	155916.1	146393.8	132667.3	112816.6	90439.9	68986.0
7.5°	160047.2	170378.1	175507.4	178129.2	175507.4	170378.1	160047.2	145955.7	127751.7	104800.7	81195.7
5°	169871.7	179472.9	184435.2	187612.1	184435.2	179472.9	169871.7	155921.7	138819.0	116340.0	90652.6
2.5°	176064.9	185129.3	191088.3	193938.0	191088.3	185129.3	176064.9	163138.2	145600.8	123446.7	96500.6
0°	178063.8	186765.7	193444.9	195999.4	193444.9	186765.7	178063.8	165786.8	147911.7	126337.5	99081.3
-2.5°	177134.0	185658.3	190985.4	192018.1	190985.4	185658.3	177134.0	165546.2	148700.0	126835.5	100426.3
-5°	172295.5	180152.0	185071.1	185879.4	185071.1	180152.0	172295.5	160889.3	144512.0	122084.0	96578.6
-7.5°	163954.0	171791.2	175857.2	177054.3	175857.2	171791.2	163954.0	152143.9	136289.4	113818.1	89350.0
-10°	151859.7	159431.3	163776.8	164807.5	163776.8	159431.3	151859.7	140131.1	122514.7	101505.3	78616.4
-12.5°	135356.6	143434.0	148297.6	149369.1	148297.6	143434.0	135356.6	122520.1	106007.3	85745.4	69386.4
-15°	113957.1	122265.7	128474.5	129976.5	128474.5	122265.7	113957.1	102009.2	85913.7	71927.2	59388.6
-17.5°	89289.7	97604.2	103183.4	104248.5	103183.4	97604.2	89289.7	78680.6	69224.5	58931.8	49881.2
-20°	68044.7	73392.0	76540.9	77089.2	76540.9	73392.0	68044.7	61938.1	55438.5	48092.4	41077.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	52730.5	56324.5	58241.6	58512.1	58241.6	56324.5	52730.5	48776.8	43939.0	38620.7	33203.1
-25°	40861.1	43472.4	44900.3	45138.1	44900.3	43472.4	40861.1	37677.1	34126.2	30703.1	26804.6
-27.5°	31374.3	32996.5	34325.1	34048.4	34325.1	32996.5	31374.3	29218.2	26824.2	24756.8	22298.3
-30°	24826.1	25866.4	26651.2	26445.6	26651.2	25866.4	24826.1	23460.1	21797.7	20095.5	18159.5
-32.5°	20093.4	20908.5	21460.2	21607.2	21460.2	20908.5	20093.4	18918.2	17428.6	15846.7	14250.6
-35°	15617.5	16283.6	16665.9	16814.3	16665.9	16283.6	15617.5	14658.9	13437.4	11857.6	10517.1
-37.5°	11402.4	11986.6	12351.4	12478.1	12351.4	11986.6	11402.4	10601.8	9523.4	8198.1	7162.5
-40°	7588.6	8038.8	8337.6	8453.2	8337.6	8038.8	7588.6	6994.7	6219.0	5312.4	4610.0
-42.5°	4692.0	4902.7	5036.1	5077.9	5036.1	4902.7	4692.0	4415.5	4060.6	3598.6	3219.2
-45°	3337.5	3395.7	3429.0	3435.4	3429.0	3395.7	3337.5	3255.7	3149.8	3021.7	2880.6
-47.5°	2974.2	3020.1	3043.6	3044.6	3043.6	3020.1	2974.2	2903.9	2813.9	2706.3	2596.5
-50°	2665.1	2707.6	2729.1	2730.5	2729.1	2707.6	2665.1	2603.6	2529.2	2440.2	2351.8
-52.5°	2395.5	2429.4	2445.1	2445.4	2445.1	2429.4	2395.5	2347.0	2287.9	2213.0	2141.3
-55°	2171.7	2198.1	2207.8	2205.9	2207.8	2198.1	2171.7	2133.2	2086.3	2023.4	1962.8
-57.5°	1988.6	2014.4	2022.5	2019.7	2022.5	2014.4	1988.6	1954.8	1914.3	1860.6	1805.9
-60°	1809.0	1836.6	1847.0	1846.2	1847.0	1836.6	1809.0	1769.9	1719.8	1658.2	1590.4
-62.5°	1525.0	1546.2	1557.6	1561.1	1557.6	1546.2	1525.0	1491.5	1444.5	1389.2	1327.6
-65°	1222.9	1239.8	1248.9	1251.8	1248.9	1239.8	1222.9	1196.4	1157.9	1113.6	1064.2
-67.5°	949.2	961.3	967.2	968.7	967.2	961.3	949.2	930.3	901.1	867.6	829.8
-70°	734.1	744.0	748.7	750.5	748.7	744.0	734.1	719.6	696.4	670.7	642.9
-72.5°	579.0	586.9	590.2	591.5	590.2	586.9	579.0	568.1	549.3	529.4	509.2
-75°	467.5	472.2	474.2	475.1	474.2	472.2	467.5	460.8	446.5	431.6	416.0
-77.5°	394.3	399.4	401.2	402.4	401.2	399.4	394.3	388.4	377.5	366.0	352.3
-80°	348.7	352.3	353.8	354.9	353.8	352.3	348.7	344.5	335.1	325.4	314.7
-82.5°	316.6	321.5	321.8	321.9	321.8	321.5	316.6	311.6	303.5	295.2	286.0
-85°	286.0	289.7	290.3	290.9	290.3	289.7	286.0	282.2	275.0	267.7	259.7
-87.5°	259.2	262.7	262.8	262.8	262.8	262.7	259.2	255.7	249.2	242.7	235.7
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.9	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	212.3	208.0	203.6	200.7	197.8	193.5	189.1	182.8	176.5	170.2	163.9
87.5°	2.8	2.8	2.8	2.8	2.9	3.3	3.7	3.8	3.9	3.9	3.9
85°	2.9	3.3	3.7	3.7	3.6	3.7	3.9	4.2	4.4	4.3	4.3
82.5°	3.7	3.8	3.9	3.9	3.9	4.2	4.3	4.5	4.8	4.9	5.0
80°	3.9	3.9	3.9	4.2	4.4	4.6	4.8	4.9	4.9	5.4	5.6
77.5°	3.9	3.9	4.0	4.5	4.8	4.9	5.0	5.4	5.6	5.7	5.8
75°	5.7	5.4	5.3	5.4	5.5	5.6	5.7	5.7	5.9	6.1	6.0
72.5°	10.3	10.0	9.6	9.1	8.6	8.8	8.7	8.2	7.8	7.3	6.7
70°	15.6	16.1	16.6	16.7	16.7	16.7	15.5	13.7	12.1	11.4	9.9
67.5°	20.7	21.3	22.7	24.9	24.7	24.3	23.3	21.9	19.5	17.4	14.3
65°	23.5	24.7	24.7	24.6	26.3	27.9	29.7	29.0	28.9	25.8	20.4
62.5°	20.1	22.3	21.5	21.1	23.4	28.0	35.3	38.6	40.4	37.6	30.7
60°	11.9	13.3	14.2	15.8	18.6	26.5	38.0	46.3	53.4	48.6	40.7
57.5°	5.8	6.9	9.0	11.7	14.8	25.2	38.4	49.7	57.8	54.7	49.6
55°	9.6	11.0	12.1	13.2	14.4	25.5	37.2	48.9	57.6	56.7	52.3
52.5°	29.9	34.7	34.5	28.3	29.2	35.7	38.5	50.7	58.8	59.8	56.3
50°	123.7	128.5	111.8	92.3	92.4	73.1	76.1	73.0	70.6	72.5	65.5
47.5°	329.2	312.8	275.8	246.5	220.7	191.8	177.8	144.1	137.1	105.7	100.3
45°	562.8	537.6	494.3	445.3	403.3	365.8	331.2	303.9	251.9	224.3	158.2
42.5°	782.3	742.4	691.8	638.8	588.7	533.1	491.7	459.8	424.4	371.3	313.3
40°	1110.2	934.1	870.1	807.7	740.8	676.2	629.2	580.9	555.9	514.1	457.9
37.5°	1737.6	1353.0	1162.4	974.1	892.1	820.0	765.7	716.1	668.3	631.6	578.7
35°	2766.3	2214.9	1706.6	1358.0	1082.1	985.7	914.4	857.7	798.7	739.5	689.6
32.5°	4058.9	3374.9	2652.8	2027.6	1526.3	1214.7	1090.0	1009.4	933.9	860.9	789.4
30°	5613.1	4755.4	3841.4	2997.8	2305.7	1707.4	1316.4	1180.8	1078.7	986.8	892.9
27.5°	8292.4	6494.1	5386.6	4330.2	3453.1	2617.8	1862.5	1371.6	1235.9	1123.4	1012.0
25°	11963.5	9930.0	7928.5	6493.0	5317.2	3889.5	2677.8	1852.0	1425.4	1267.2	1134.6
22.5°	16559.2	13823.4	11316.6	9112.2	7395.4	5556.5	3831.1	2384.0	1629.5	1419.4	1263.3
20°	22369.5	17897.4	14763.2	11940.0	9468.4	7139.7	4956.8	3191.3	2078.3	1582.0	1388.5
17.5°	30043.0	23442.2	18620.2	14990.4	11848.7	9094.6	6455.8	4202.3	2498.6	1747.5	1511.5
15°	38152.9	29731.8	23178.3	18044.1	14023.2	10823.0	7980.1	5215.1	3085.1	2040.3	1648.9
12.5°	46829.5	36626.6	27862.3	21147.3	16080.1	12338.1	9229.4	6320.0	3876.5	2384.4	1765.6
10°	54132.8	42542.4	32648.4	24749.9	18752.8	14024.3	10296.7	7194.7	4509.1	2684.9	1868.3
7.5°	61799.6	47527.2	36296.6	27316.0	20813.7	15806.0	11396.2	7844.4	4994.1	2908.7	1947.3
5°	67028.1	50834.5	38772.8	29061.1	22114.1	17020.9	12433.2	8295.3	5301.4	3061.5	2013.5
2.5°	70305.8	52631.9	40111.4	30360.7	22798.9	17631.9	13245.5	8865.9	5561.3	3197.8	2079.8
0°	72184.8	54281.7	41221.7	31173.5	23178.9	17963.3	13666.9	9527.6	5736.3	3289.0	2133.2
-2.5°	73747.3	54580.1	40968.0	30546.2	22943.7	17803.4	13573.6	9779.6	6114.6	3381.3	2190.2
-5°	72050.8	53829.8	40059.4	29775.5	22620.7	17551.4	13377.5	9706.2	6218.6	3421.0	2230.6
-7.5°	68036.2	51593.5	38553.5	28648.0	21976.6	17129.4	13012.0	9290.2	5962.2	3439.0	2284.6
-10°	61971.8	47992.7	36015.6	27119.7	21052.2	16477.7	12474.3	8811.7	5616.1	3365.1	2319.5
-12.5°	55556.8	43505.4	32950.4	24983.6	19769.7	15555.6	11710.0	8153.9	5140.7	3196.8	2345.8
-15°	48660.1	38499.3	29851.0	23189.5	18269.9	14354.1	10737.3	7314.2	4526.3	2953.9	2350.3
-17.5°	41509.8	33472.2	26216.3	20828.9	16587.7	12941.1	9543.8	6469.3	4079.9	2772.3	2337.4
-20°	34309.5	28466.6	23225.6	18609.3	14664.4	11228.0	8120.5	5444.6	3623.4	2728.0	2331.8



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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°	28171.2	24246.8	20246.3	16234.0	12784.6	9510.0	6675.2	4424.6	3072.8	2631.9	2297.3
-25°	23680.0	20493.6	17225.9	14005.5	10770.2	7725.5	5222.9	3696.8	2887.8	2543.0	2234.0
-27.5°	19688.3	16933.5	14206.7	11400.6	8577.2	6020.6	4148.5	3047.4	2702.8	2424.4	2169.9
-30°	15954.7	13580.8	11178.3	8723.0	6501.3	4526.2	3262.5	2839.9	2548.0	2297.4	2069.2
-32.5°	12356.9	10372.6	8264.8	6327.8	4639.5	3465.8	2949.8	2640.4	2399.1	2178.0	1974.5
-35°	8945.4	7390.0	5712.7	4451.2	3396.5	3012.8	2728.7	2484.4	2260.2	2058.3	1878.0
-37.5°	5984.5	4864.6	4024.8	3257.7	3008.9	2766.3	2547.4	2331.6	2123.1	1950.1	1791.4
-40°	4002.5	3335.9	3148.5	2944.5	2755.4	2565.8	2372.0	2177.2	2006.8	1848.6	1709.1
-42.5°	3090.6	2956.5	2833.4	2690.9	2537.2	2373.0	2202.4	2042.7	1893.5	1759.1	1634.3
-45°	2773.0	2669.7	2571.2	2462.6	2332.6	2195.2	2050.1	1917.3	1790.2	1673.9	1559.9
-47.5°	2503.6	2421.3	2337.2	2253.8	2148.0	2035.3	1920.7	1803.6	1696.5	1583.4	1421.6
-50°	2269.4	2203.8	2132.7	2063.3	1988.3	1902.8	1803.6	1703.7	1581.6	1428.4	1276.7
-52.5°	2075.5	2019.1	1961.1	1908.2	1851.1	1779.7	1691.4	1554.8	1414.1	1267.9	1125.4
-55°	1909.5	1861.8	1814.0	1772.5	1718.9	1615.1	1503.0	1371.3	1234.2	1099.4	977.0
-57.5°	1764.1	1711.6	1641.4	1572.7	1503.1	1405.4	1294.7	1171.2	1053.8	940.9	830.0
-60°	1536.0	1476.9	1406.7	1335.0	1264.6	1178.4	1085.5	985.5	881.1	788.3	696.1
-62.5°	1274.0	1217.8	1156.6	1095.6	1038.6	972.0	890.8	810.8	726.2	644.0	577.5
-65°	1019.7	975.2	924.6	876.0	831.2	781.9	713.8	652.9	592.9	531.6	473.7
-67.5°	794.4	759.5	720.2	681.6	653.0	622.4	577.2	527.6	483.9	444.1	407.2
-70°	617.0	594.1	569.0	541.5	519.7	500.7	472.6	439.5	405.1	374.2	345.8
-72.5°	490.6	476.1	460.1	442.7	425.2	411.1	391.7	367.5	342.0	314.8	292.4
-75°	401.1	390.4	378.8	366.8	354.2	340.7	328.2	313.6	298.1	281.4	266.0
-77.5°	339.7	332.4	324.9	318.3	311.3	303.7	294.4	281.6	269.3	256.5	244.4
-80°	304.4	298.2	292.1	287.2	281.9	275.6	268.3	257.6	246.7	235.7	225.2
-82.5°	277.0	271.8	266.5	261.9	256.9	251.1	244.8	235.7	226.4	216.7	207.2
-85°	251.8	247.1	242.3	238.0	233.6	228.4	222.9	215.0	207.0	198.3	189.6
-87.5°	228.7	224.1	219.4	216.2	212.9	208.1	203.3	196.5	189.8	182.3	174.8
-90°	1.9	1.9	1.9	2.4	2.9	2.9	2.9	3.4	3.9	3.9	3.9



REPORT NUMBER: P1306268 (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°	158.1	152.2	146.4	140.6	135.8	130.9	125.6	120.2	113.0	105.7	94.6
87.5°	4.2	4.5	4.9	5.4	5.3	5.3	5.8	6.2	6.2	6.1	6.6
85°	4.7	5.1	5.4	5.8	5.8	5.8	6.2	6.6	6.6	6.5	6.9
82.5°	5.4	5.7	5.7	5.8	6.1	6.3	6.7	7.1	7.0	6.9	7.2
80°	5.7	5.8	6.0	6.1	6.4	6.9	7.2	7.5	7.6	7.5	7.7
77.5°	5.8	5.9	6.4	6.7	6.7	6.9	7.4	7.9	8.2	8.2	8.3
75°	5.8	6.0	6.5	6.9	6.9	7.0	7.5	8.0	8.5	8.9	8.9
72.5°	6.5	6.5	6.8	7.0	7.3	7.6	7.8	8.2	8.9	9.3	9.5
70°	8.2	7.4	7.4	7.8	8.0	8.3	8.7	8.9	9.2	9.7	10.0
67.5°	10.8	9.6	8.9	8.8	9.1	9.3	9.6	9.8	10.0	10.3	10.5
65°	16.9	13.7	10.7	10.6	10.4	10.4	10.6	11.0	10.9	11.4	11.1
62.5°	24.4	19.5	16.4	13.6	12.7	13.3	11.8	13.1	12.1	12.8	12.4
60°	32.9	26.2	22.8	20.1	17.9	17.5	16.8	15.6	15.3	14.3	14.1
57.5°	40.2	32.2	30.2	27.2	25.9	24.1	23.1	21.1	19.0	17.8	16.0
55°	45.9	39.2	38.4	35.8	35.2	32.5	31.0	28.4	24.1	22.1	18.1
52.5°	49.1	48.2	47.4	47.3	46.7	42.8	41.1	36.2	32.5	26.7	22.4
50°	57.3	60.5	59.3	62.2	60.0	57.9	52.0	46.9	41.5	32.7	27.1
47.5°	84.6	87.0	80.4	82.5	78.5	75.5	67.9	59.1	51.1	41.6	32.0
45°	156.2	130.9	123.1	113.8	104.6	100.5	87.2	72.1	63.0	51.0	37.1
42.5°	255.6	220.5	196.5	151.4	148.1	131.1	110.3	92.9	75.5	60.8	44.3
40°	390.9	344.1	292.5	244.7	202.4	166.3	144.6	117.0	88.6	71.6	53.1
37.5°	520.8	467.6	414.9	350.4	274.2	224.8	183.8	143.2	105.6	84.1	62.1
35°	628.1	576.2	526.7	457.3	378.0	286.4	226.6	174.8	129.8	97.0	71.2
32.5°	724.8	664.9	606.2	549.9	464.2	349.4	278.7	211.0	154.6	110.5	80.3
30°	817.2	744.4	676.1	621.5	532.5	420.2	330.2	245.4	179.8	124.4	89.7
27.5°	913.1	824.3	743.4	679.9	587.8	481.0	370.7	278.1	205.4	139.6	99.9
25°	1015.9	911.5	821.9	741.2	643.6	526.3	406.9	309.2	232.1	157.2	109.6
22.5°	1124.8	998.9	897.6	806.9	705.3	570.4	442.2	341.0	252.9	173.6	118.9
20°	1227.8	1080.2	966.7	861.5	764.3	620.3	478.4	366.6	272.2	188.9	127.6
17.5°	1330.2	1158.7	1020.3	909.4	814.5	671.8	515.7	390.6	290.2	202.9	135.9
15°	1426.8	1235.2	1074.0	951.9	854.8	720.4	552.0	413.2	306.6	215.7	144.0
12.5°	1516.3	1307.2	1127.2	988.3	884.7	764.0	586.7	434.2	321.5	228.5	152.4
10°	1596.4	1374.9	1179.1	1023.2	910.7	802.6	619.4	457.2	340.7	241.2	160.2
7.5°	1662.5	1436.8	1226.9	1056.3	934.2	835.7	654.8	486.8	359.7	252.7	167.4
5°	1719.1	1492.7	1274.4	1095.0	961.4	862.6	686.9	514.7	377.3	263.0	174.0
2.5°	1770.3	1541.7	1319.0	1131.7	986.7	884.1	714.9	540.4	393.3	271.8	180.0
0°	1812.2	1582.4	1357.5	1164.5	1009.4	900.8	738.9	563.4	407.2	279.3	185.2
-2.5°	1850.1	1611.3	1389.3	1198.9	1047.3	925.8	753.5	574.9	418.7	289.1	191.6
-5°	1877.8	1632.5	1415.0	1229.0	1081.2	945.9	764.0	583.3	427.8	297.2	197.1
-7.5°	1921.6	1657.0	1438.0	1255.4	1110.3	960.6	770.1	588.6	434.5	303.6	201.8
-10°	1955.7	1679.5	1459.3	1277.1	1129.3	972.9	773.4	590.9	438.7	308.0	205.6
-12.5°	1982.3	1695.7	1473.5	1293.3	1144.5	983.4	781.6	593.5	440.3	310.3	208.5
-15°	2002.4	1719.5	1488.4	1304.4	1157.2	988.8	783.8	593.3	438.3	309.9	210.4
-17.5°	2008.7	1728.6	1495.8	1313.0	1166.0	989.1	779.4	588.4	433.5	306.9	211.6
-20°	2011.9	1732.3	1493.0	1313.9	1168.6	977.6	768.1	578.2	425.7	302.0	212.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2002.6	1733.9	1502.7	1312.5	1159.2	959.3	749.7	563.1	414.8	295.3	211.8
-25°	1963.4	1725.9	1504.6	1317.1	1134.6	933.3	729.9	547.4	400.8	286.7	210.6
-27.5°	1916.3	1695.6	1495.4	1311.2	1109.4	903.0	708.5	533.9	388.8	276.4	208.4
-30°	1864.2	1660.8	1473.7	1290.0	1075.6	870.1	682.7	516.3	377.8	270.1	205.3
-32.5°	1790.4	1620.2	1444.9	1245.6	1033.8	831.4	651.8	494.2	363.8	266.5	202.7
-35°	1718.7	1570.8	1409.9	1191.5	984.6	792.1	618.1	467.6	346.8	261.4	199.6
-37.5°	1642.8	1509.6	1341.1	1128.7	927.0	746.8	584.0	442.2	327.0	254.9	195.6
-40°	1574.4	1428.0	1245.9	1057.5	866.9	694.7	545.3	417.4	314.3	246.8	190.4
-42.5°	1501.9	1318.6	1145.0	973.9	801.2	644.0	503.6	389.7	303.7	239.0	184.2
-45°	1383.0	1206.0	1037.9	883.7	730.1	587.9	468.8	361.5	291.3	230.6	179.0
-47.5°	1257.5	1089.9	931.3	789.1	661.1	531.1	428.5	345.0	276.9	220.9	175.8
-50°	1126.7	973.1	826.7	700.0	582.3	482.9	390.0	326.2	264.1	209.8	172.1
-52.5°	991.7	857.1	727.8	610.5	517.6	431.4	363.6	304.6	249.6	202.5	167.8
-55°	857.2	745.3	630.0	533.5	454.5	393.1	335.0	284.0	233.6	196.4	163.3
-57.5°	731.6	633.4	545.4	464.2	404.1	355.9	307.8	261.8	223.5	189.6	160.6
-60°	610.4	539.3	465.1	409.2	361.3	320.3	280.9	242.0	214.4	182.7	157.3
-62.5°	511.1	452.4	408.6	361.8	321.3	287.3	255.1	229.5	204.1	177.8	153.4
-65°	433.0	394.9	356.0	319.7	284.6	257.8	239.9	216.4	195.6	172.4	149.0
-67.5°	371.5	340.8	310.6	278.7	257.0	240.3	223.8	206.1	187.7	166.5	144.2
-70°	317.4	290.0	271.7	255.1	238.1	223.2	211.7	196.8	179.4	160.2	138.9
-72.5°	277.0	262.7	248.7	234.1	222.1	211.0	200.3	187.1	171.0	153.6	133.4
-75°	252.2	240.9	230.3	219.3	208.8	198.7	188.8	177.1	162.4	146.7	127.7
-77.5°	234.5	224.8	214.5	204.5	195.5	186.2	177.1	166.8	153.4	139.4	121.7
-80°	216.9	208.3	199.4	190.6	182.2	173.7	165.5	156.4	144.3	131.8	115.4
-82.5°	199.4	191.6	184.2	176.6	169.3	161.9	154.2	145.9	135.0	123.9	109.6
-85°	183.0	176.4	169.5	162.5	156.3	150.1	143.3	136.3	127.2	117.9	104.7
-87.5°	169.1	163.4	157.3	151.1	145.9	140.5	134.5	128.3	120.1	111.9	99.7
-90°	3.9	3.9	4.4	4.8	4.8	4.8	5.3	5.8	5.8	5.8	6.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	83.4	69.3	55.3	39.7	24.2	16.4	8.7
87.5°	7.1	7.1	7.1	7.0	7.0	7.9	8.7
85°	7.3	7.4	7.5	7.3	7.1	8.1	8.7
82.5°	7.6	7.8	7.8	7.5	7.3	8.3	8.7
80°	7.9	8.1	8.1	7.8	7.5	8.4	8.7
77.5°	8.4	8.4	8.4	8.0	7.7	8.6	8.7
75°	8.9	8.9	8.8	8.3	7.9	8.8	8.7
72.5°	9.4	9.3	9.1	8.5	8.1	9.0	8.7
70°	9.9	9.8	9.5	8.8	8.4	9.2	8.7
67.5°	10.6	10.2	9.9	9.2	8.6	9.4	8.7
65°	11.3	10.8	10.3	9.6	8.9	9.5	8.7
62.5°	12.1	11.7	10.7	9.9	9.2	9.7	8.7
60°	13.0	12.6	11.2	10.4	9.5	9.9	8.7
57.5°	14.9	13.6	12.2	10.8	10.0	10.1	8.7
55°	16.9	14.6	13.3	11.2	10.6	10.3	8.7
52.5°	19.1	15.8	14.4	11.6	11.2	10.5	8.7
50°	21.3	18.0	15.6	12.0	11.8	10.7	8.7
47.5°	23.9	20.3	16.8	12.6	12.5	10.9	8.7
45°	28.3	22.7	18.1	13.6	13.2	11.2	8.7
42.5°	32.8	25.2	19.4	14.6	13.9	11.4	8.7
40°	37.6	27.8	21.1	16.0	14.7	11.6	8.7
37.5°	42.6	30.5	23.1	17.7	15.5	11.8	8.7
35°	47.5	34.1	25.2	19.4	16.3	12.0	8.7
32.5°	53.3	38.0	27.3	21.2	17.1	12.2	8.7
30°	60.7	41.9	29.4	22.9	18.0	12.4	8.7
27.5°	67.9	45.8	32.2	24.7	18.9	12.6	8.7
25°	74.9	49.5	35.0	26.5	19.8	12.8	8.7
22.5°	81.6	53.4	37.8	28.2	20.6	13.0	8.7
20°	88.0	57.9	40.6	30.0	21.5	13.2	8.7
17.5°	94.7	62.2	43.2	31.7	22.4	13.4	8.7
15°	101.3	66.3	45.8	33.4	23.3	13.6	8.7
12.5°	107.6	70.3	48.3	35.1	24.2	13.7	8.7
10°	113.3	74.1	50.6	36.7	25.0	13.9	8.7
7.5°	118.7	77.8	52.9	38.3	25.9	14.1	8.7
5°	123.6	81.2	55.1	39.9	26.6	14.2	8.7
2.5°	128.0	84.4	57.2	41.3	27.4	14.4	8.7
0°	131.9	87.3	59.1	42.7	28.1	14.5	8.7
-2.5°	136.4	90.8	61.9	44.5	29.2	15.0	8.7
-5°	140.4	94.0	64.5	46.2	30.2	15.5	8.7
-7.5°	143.8	97.0	66.9	47.8	31.2	16.0	8.7
-10°	146.7	99.6	69.2	49.4	32.1	16.5	8.7
-12.5°	148.9	101.9	71.4	50.8	32.9	17.0	8.7
-15°	150.5	103.9	73.3	52.1	33.7	17.4	8.7
-17.5°	151.5	105.6	75.0	53.2	34.4	17.8	8.7
-20°	152.2	107.0	76.5	54.3	35.1	18.2	8.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.9	108.0	77.8	55.2	35.6	18.6	8.7
-25°	153.0	109.3	78.9	56.0	36.1	18.9	8.7
-27.5°	152.4	110.4	79.8	56.6	36.6	19.2	8.7
-30°	151.0	111.2	80.4	57.1	37.0	19.5	8.7
-32.5°	149.0	111.5	81.5	57.4	37.2	19.8	8.7
-35°	148.2	111.5	82.4	57.6	37.5	20.0	8.7
-37.5°	147.8	111.5	83.0	57.7	37.6	20.1	8.7
-40°	146.8	112.0	83.4	57.6	37.7	20.3	8.7
-42.5°	145.3	112.2	83.6	57.6	37.7	20.4	8.7
-45°	143.1	112.1	83.8	57.7	37.6	20.5	8.7
-47.5°	140.4	111.7	83.7	57.6	37.4	20.5	8.7
-50°	139.0	111.0	83.4	57.6	37.2	20.5	8.7
-52.5°	137.5	110.0	82.8	57.5	36.9	20.5	8.7
-55°	135.7	108.7	82.0	57.3	36.5	20.4	8.7
-57.5°	133.5	107.0	80.9	56.9	36.1	20.3	8.7
-60°	131.0	105.1	79.6	56.4	35.5	20.2	8.7
-62.5°	128.1	102.8	78.5	55.7	35.0	20.1	8.7
-65°	124.8	100.3	77.3	54.8	34.4	19.9	8.7
-67.5°	121.1	97.7	75.8	53.8	33.7	19.6	8.7
-70°	117.2	95.1	74.1	52.7	32.9	19.4	8.7
-72.5°	113.2	92.2	72.2	51.5	32.0	19.1	8.7
-75°	108.9	89.1	70.1	50.1	31.1	18.8	8.7
-77.5°	104.2	85.7	68.0	48.7	30.1	18.5	8.7
-80°	99.3	82.5	65.7	47.1	29.0	18.1	8.7
-82.5°	95.5	79.5	63.3	45.4	27.9	17.7	8.7
-85°	91.6	76.2	60.8	43.6	26.7	17.3	8.7
-87.5°	87.6	72.9	58.1	41.7	25.5	16.9	8.7
-90°	6.8	6.8	6.8	6.8	6.8	7.8	8.7

(END OF REPORT)