

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: P1306152 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-5S-VHE-A**

Issue Date: 2/3/2026

Test Information

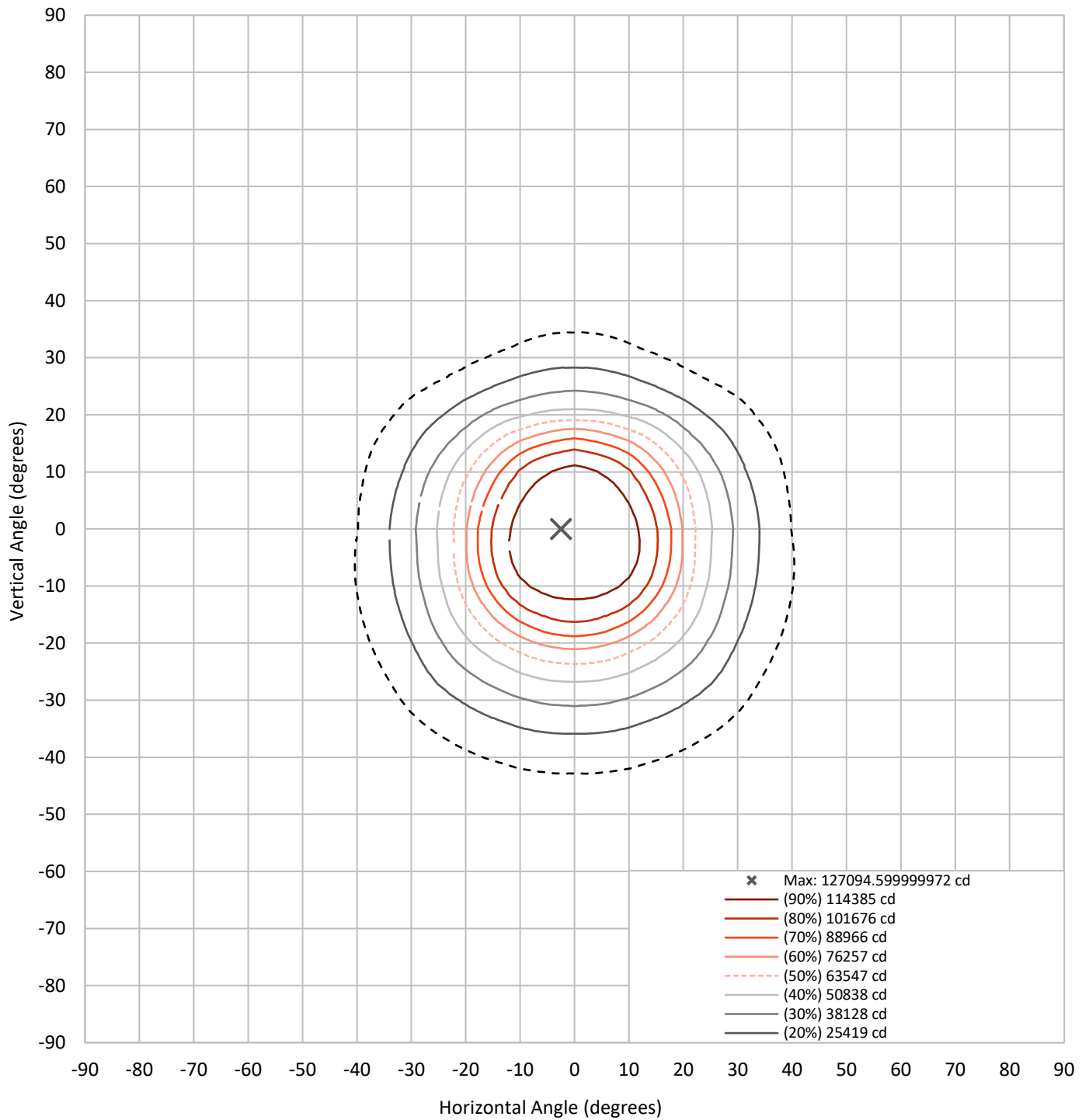
Test Method: LM-79-08
Report Number: P1306152 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-40-70-5S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	82755.8 lumens	Max Intensity:	127094.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	149.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	45440.7 lumens	Field Lumens:	76042.4 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%
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





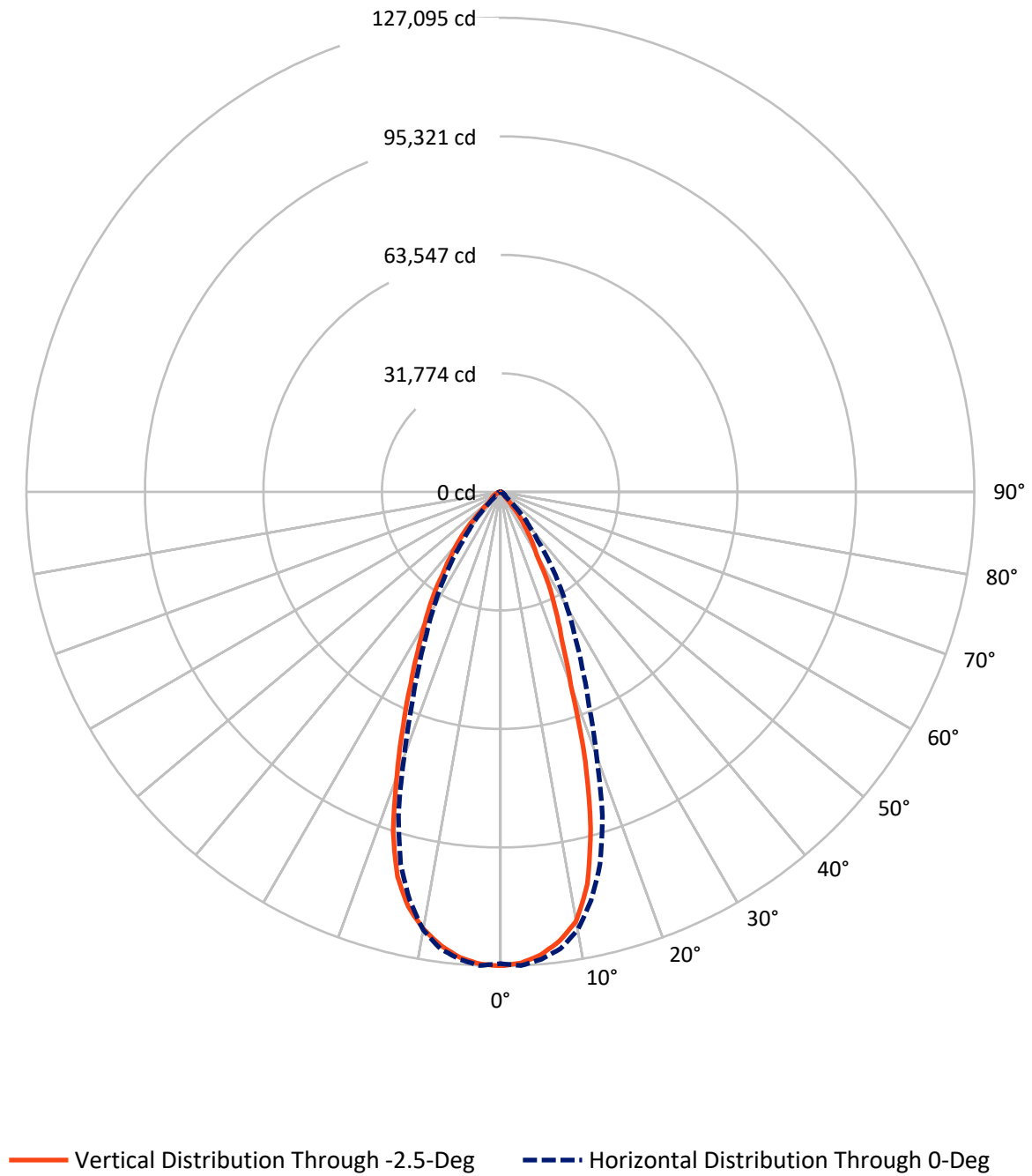
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Lumen Table

90	0.3	1.2		2.1		2.8		3.2		2.8		2.1		1.2		0.3			
80	0.3	1.2		2.1		2.8		3.2		2.8		2.1		1.2		0.3			
70	0.4	0.2	0.2	0.5	0.6	0.6	0.7	0.9	0.9	0.7	0.6	0.6	0.5	0.2	0.2	0.4			
60		0.4	0.7	1.2	1.2	0.9	1.1	1.2	1.2	1.1	0.9	1.2	1.2	0.7	0.4				
50	1.0	1.1	2.5	5.0	8.9	18.2	40.1	54.2	54.2	40.1	18.2	8.9	5.0	2.5	1.1	1.0			
40		2.5	8.2	16.8	42.5	126.3	234.0	344.7	344.7	234.0	126.3	42.5	16.8	8.2	2.5				
30	2.0	4.3	14.3	36.4	175.2	414.1	761.4	1045.3	1045.3	761.4	414.1	175.2	36.4	14.3	4.3	2.0			
20		5.9	19.1	82.4	382.6	945.9	1840.4	2630.3	2630.3	1840.4	945.9	382.6	82.4	19.1	5.9				
10	3.0	7.3	22.5	125.0	538.7	1373.6	2755.6	3655.5	3655.5	2755.6	1373.6	538.7	125.0	22.5	7.3	3.0			
0		8.1	25.1	133.2	580.4	1440.4	2923.4	3712.6	3712.6	2923.4	1440.4	580.4	133.2	25.1	8.1				
-10	3.6	8.4	26.4	109.9	494.2	1203.8	2267.7	3061.9	3061.9	2267.7	1203.8	494.2	109.9	26.4	8.4	3.6			
-20		8.0	26.4	68.2	320.5	797.0	1325.4	1718.1	1718.1	1325.4	797.0	320.5	68.2	26.4	8.0				
-30	3.6	7.2	23.1	49.1	130.4	387.7	652.4	828.8	828.8	652.4	387.7	130.4	49.1	23.1	7.2	3.6			
-40		6.0	17.1	37.2	63.0	102.9	192.5	269.8	269.8	192.5	102.9	63.0	37.2	17.1	6.0				
-50	3.3	4.9	11.3	23.3	41.2	57.7	71.0	81.2	81.2	71.0	57.7	41.2	23.3	11.3	4.9	3.3			
-60		3.9	7.5	13.1	21.3	29.2	37.2	42.8	42.8	37.2	29.2	21.3	13.1	7.5	3.9				
-70	2.4	14.5		32.0		50.3		61.6		50.3		32.0		14.5		2.4			
-80		14.5		32.0		50.3		61.6		50.3		32.0		14.5					
-90	14.5		32.0		50.3		61.6		50.3		32.0		14.5		2.4				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

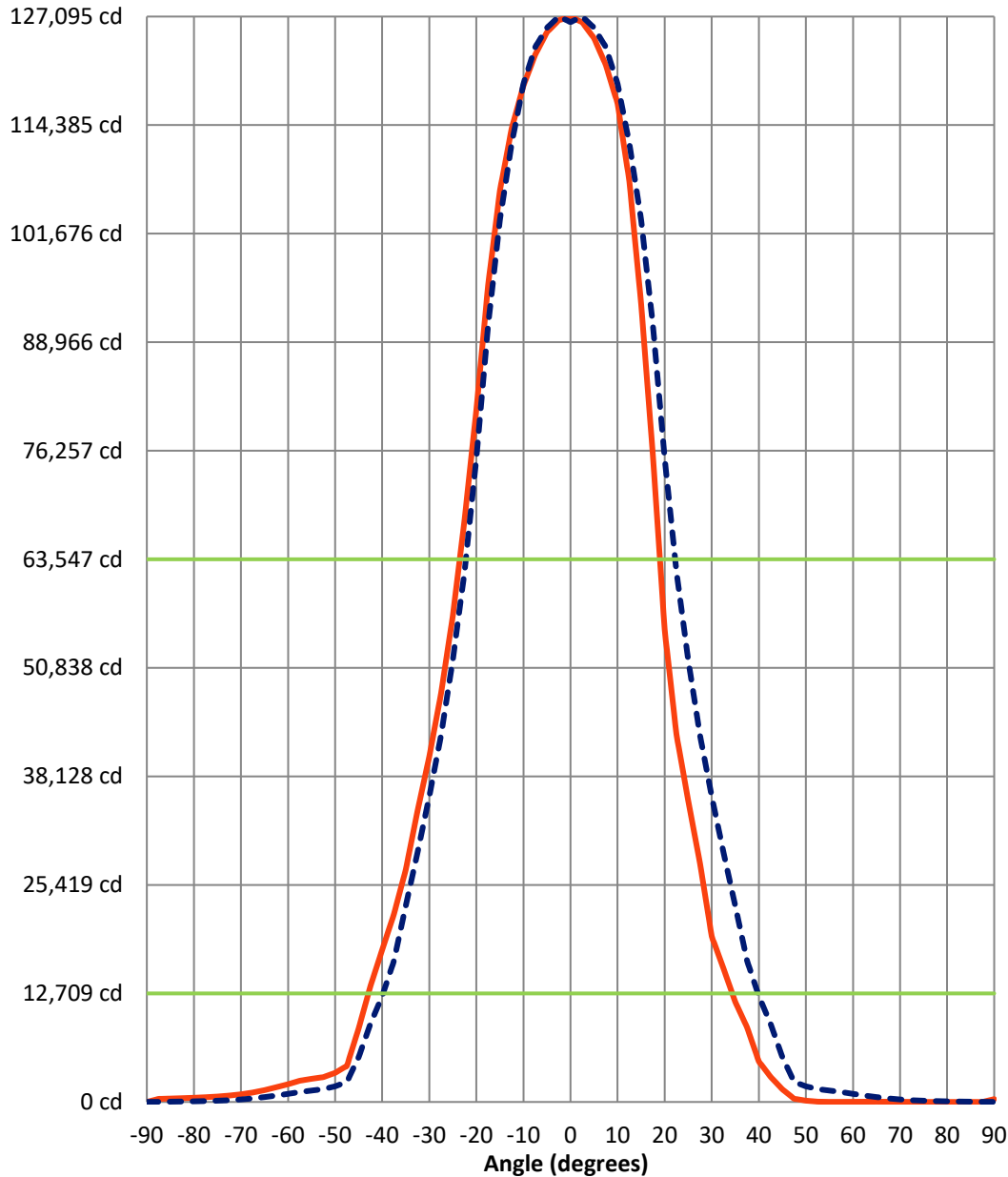
REPORT NUMBER: P1306152 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-70-5S-VHE-A

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 45440.7
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 76042.4
 Efficiency: 91.9%

Spill:
 Lumens: 6713.4
 Efficiency: 8.1%

- Vertical Distribution through -2.5-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°	11.0	21.5	32.0	52.9	73.9	93.4	112.9	128.9	144.8	156.3	167.8
87.5°	11.0	10.2	9.3	9.3	9.3	9.4	9.5	9.1	8.7	8.6	8.4
85°	11.0	10.4	9.5	9.7	9.7	9.9	10.0	9.7	9.4	9.2	8.9
82.5°	11.0	10.7	9.8	10.0	10.0	10.3	10.5	10.3	10.1	9.8	9.3
80°	11.0	10.9	10.1	10.3	10.4	10.7	11.1	10.9	10.8	10.4	9.8
77.5°	11.0	11.1	10.4	10.6	10.8	11.2	11.6	11.6	11.5	11.0	10.3
75°	11.0	11.3	10.7	11.0	11.2	11.9	12.2	12.2	12.2	11.6	10.8
72.5°	11.0	11.6	11.0	11.3	11.9	12.6	12.8	12.8	12.7	12.0	11.3
70°	11.0	11.8	11.3	11.7	12.6	13.3	13.4	13.6	13.2	12.5	12.3
67.5°	11.0	12.0	11.7	12.3	13.3	14.0	14.3	14.4	13.9	13.7	13.4
65°	11.0	12.3	12.0	12.9	14.0	14.8	15.2	15.2	15.2	14.9	14.8
62.5°	11.0	12.5	12.4	13.5	14.8	15.7	16.1	16.5	16.7	16.5	17.3
60°	11.0	12.8	12.8	14.0	15.5	16.5	17.1	18.1	18.3	19.8	20.1
57.5°	11.0	13.0	13.4	14.6	16.5	17.4	19.0	19.8	22.5	24.0	25.6
55°	11.0	13.3	14.1	15.2	17.6	18.2	21.2	21.9	27.8	29.8	32.9
52.5°	11.0	13.5	14.9	15.8	18.7	19.4	23.6	27.5	33.8	38.7	41.1
50°	11.0	13.7	15.6	16.3	20.0	22.2	26.1	33.6	41.1	48.3	53.1
47.5°	11.0	14.0	16.4	17.0	21.3	25.1	29.3	39.8	50.4	58.4	66.6
45°	11.0	14.2	17.3	18.1	22.8	28.1	34.8	46.2	60.0	71.4	80.8
42.5°	11.0	14.5	18.1	19.2	24.3	31.3	40.3	53.9	69.8	85.0	102.3
40°	11.0	14.7	19.1	20.9	26.4	34.7	46.2	62.8	80.7	99.0	126.2
37.5°	11.0	15.0	20.0	22.9	29.0	38.1	52.6	71.8	93.4	115.8	151.4
35°	11.0	15.2	21.0	25.0	31.7	42.7	59.0	80.9	106.5	138.5	180.5
32.5°	11.0	15.5	22.0	27.0	34.4	47.8	65.9	90.4	119.8	161.7	213.6
30°	11.0	15.7	23.0	29.2	37.1	52.9	73.9	100.6	133.4	185.3	246.2
27.5°	11.0	15.9	24.1	31.3	40.7	57.9	81.8	111.6	148.7	209.1	278.0
25°	11.0	16.2	25.1	33.5	44.4	62.8	89.5	122.2	166.4	234.7	309.3
22.5°	11.0	16.4	26.2	35.7	48.0	67.8	96.9	132.3	183.1	256.8	342.3
20°	11.0	16.6	27.3	37.8	51.6	73.2	104.1	142.0	198.8	277.7	369.9
17.5°	11.0	16.8	28.3	40.0	55.0	78.4	111.3	151.1	213.4	297.3	396.0
15°	11.0	17.0	29.4	42.2	58.4	83.4	118.3	160.0	226.9	315.6	420.7
12.5°	11.0	17.2	30.4	44.3	61.6	88.2	124.8	168.7	240.5	332.4	443.9
10°	11.0	17.4	31.4	46.3	64.8	92.7	130.9	177.0	254.0	352.3	468.4
7.5°	11.0	17.6	32.4	48.4	67.8	96.9	136.6	184.6	266.5	371.5	497.7
5°	11.0	17.7	33.3	50.3	70.6	100.9	141.8	191.7	277.8	389.3	525.3
2.5°	11.0	17.9	34.2	52.1	73.3	104.5	146.5	198.1	287.9	405.4	550.6
0°	11.0	18.0	35.0	53.9	75.9	107.9	150.8	203.8	296.6	419.5	573.3
-2.5°	11.0	18.7	36.5	56.3	79.4	112.8	157.2	212.1	306.8	431.4	585.0
-5°	11.0	19.4	37.9	58.5	82.8	117.4	163.2	219.6	315.4	441.0	593.6
-7.5°	11.0	20.0	39.3	60.7	85.9	121.7	168.5	226.3	322.4	448.3	599.3
-10°	11.0	20.7	40.5	62.7	88.8	125.5	173.2	232.1	327.8	453.2	602.0
-12.5°	11.0	21.3	41.7	64.6	91.5	128.9	177.4	236.9	331.4	455.8	606.2
-15°	11.0	21.8	42.8	66.3	94.0	132.0	180.8	240.9	333.4	456.5	608.4
-17.5°	11.0	22.4	43.9	67.9	96.2	134.5	183.6	244.3	333.9	454.6	605.8
-20°	11.0	22.9	44.8	69.3	98.2	136.6	186.2	247.1	332.7	449.9	598.3



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 CATALOG NUMBER: EPH-08-530N-40-70-5S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	11.0	23.4	45.6	70.6	99.8	138.2	188.7	249.1	329.7	442.5	586.3
-25°	11.0	23.9	46.3	71.7	101.2	140.2	190.5	250.2	325.0	432.2	575.9
-27.5°	11.0	24.3	47.0	72.7	102.3	142.0	191.6	250.4	318.6	425.3	568.1
-30°	11.0	24.7	47.5	73.5	103.3	143.4	192.0	249.6	315.9	419.8	556.2
-32.5°	11.0	25.0	47.9	74.1	105.0	144.3	191.6	249.0	315.6	411.4	539.6
-35°	11.0	25.3	48.3	74.6	106.5	144.7	191.7	248.1	313.8	400.1	518.4
-37.5°	11.0	25.6	48.5	74.8	107.6	145.2	191.6	246.6	310.5	385.9	499.1
-40°	11.0	25.8	48.6	74.9	108.5	146.3	191.0	244.0	305.6	377.3	480.6
-42.5°	11.0	26.0	48.6	75.1	109.3	147.0	190.0	240.4	300.7	370.1	458.7
-45°	11.0	26.1	48.5	75.5	109.8	147.4	188.3	236.9	295.4	361.0	435.9
-47.5°	11.0	26.2	48.3	75.7	110.1	147.4	186.0	234.1	288.8	349.9	423.1
-50°	11.0	26.2	48.0	75.8	109.9	147.0	185.2	230.5	280.4	340.0	408.0
-52.5°	11.0	26.2	47.5	75.7	109.4	146.3	184.2	226.0	273.3	328.2	389.8
-55°	11.0	26.2	47.0	75.3	108.5	145.0	182.7	221.2	266.3	314.6	371.5
-57.5°	11.0	26.1	46.4	74.7	107.3	143.2	180.7	218.7	258.3	303.9	351.5
-60°	11.0	26.0	45.6	74.0	105.8	141.0	178.2	215.2	250.3	293.3	332.4
-62.5°	11.0	25.8	45.0	73.0	104.3	138.5	174.8	211.0	245.2	281.2	317.2
-65°	11.0	25.6	44.3	71.8	102.5	135.5	171.0	206.1	239.4	271.7	301.0
-67.5°	11.0	25.3	43.5	70.4	100.4	132.3	166.7	200.1	233.0	262.7	288.5
-70°	11.0	25.0	42.5	68.9	98.1	128.7	161.9	193.7	225.1	253.1	277.2
-72.5°	11.0	24.7	41.5	67.4	95.5	124.7	156.2	186.7	216.6	242.2	265.2
-75°	11.0	24.3	40.4	65.8	92.6	120.3	149.9	178.6	207.5	230.9	252.5
-77.5°	11.0	23.9	39.1	64.0	89.9	115.5	143.2	169.7	196.7	218.7	239.3
-80°	11.0	23.5	37.8	62.1	87.1	111.2	136.0	160.4	185.3	204.9	224.0
-82.5°	11.0	23.0	36.5	60.0	84.1	107.1	130.4	151.6	173.5	190.7	207.7
-85°	11.0	22.5	35.0	57.8	80.9	102.7	124.8	144.3	164.1	178.5	192.7
-87.5°	11.0	22.0	33.5	55.4	77.5	98.2	119.0	136.7	154.6	167.5	180.4
-90°	11.0	10.0	9.0	9.0	9.0	9.0	9.0	8.5	8.0	8.0	8.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	174.8	181.8	188.3	194.8	202.8	210.7	219.2	227.7	236.7	245.7	254.2
87.5°	8.0	7.5	7.5	7.6	7.1	6.6	6.3	6.0	5.5	5.0	4.9
85°	8.4	8.0	8.1	8.0	7.6	7.3	6.9	6.4	6.0	5.6	5.6
82.5°	9.1	9.0	8.7	8.1	7.9	7.9	7.5	7.0	6.6	6.3	6.2
80°	9.8	10.0	9.2	8.4	8.2	8.0	7.6	7.1	7.0	7.0	6.7
77.5°	10.2	10.1	9.5	9.0	8.6	8.3	8.0	7.7	7.4	7.1	7.0
75°	10.5	10.2	9.8	9.3	8.9	8.9	8.7	8.4	8.2	8.2	8.3
72.5°	11.1	10.8	10.3	9.5	9.2	9.5	9.5	9.2	9.4	9.8	9.8
70°	11.9	11.5	10.9	10.2	9.8	10.2	10.6	11.3	12.1	12.3	13.2
67.5°	12.9	12.5	11.6	11.0	10.8	11.4	12.0	14.5	16.8	18.1	19.5
65°	14.3	13.7	12.7	12.6	12.0	14.5	16.5	19.1	23.9	26.2	26.0
62.5°	16.1	16.3	15.1	15.4	17.4	19.6	23.2	28.7	34.2	36.4	34.5
60°	20.4	19.8	19.9	21.3	23.4	26.1	31.7	38.4	44.8	48.3	43.1
57.5°	26.2	25.9	27.5	28.3	31.3	32.2	39.6	47.9	53.5	57.6	50.8
55°	34.2	34.5	37.4	38.3	40.5	40.4	46.8	54.7	60.3	62.3	55.1
52.5°	45.4	45.8	51.2	51.9	51.2	51.9	54.2	62.7	67.5	67.6	61.3
50°	57.6	64.0	67.3	69.5	65.6	68.0	65.8	75.3	82.4	81.7	84.0
47.5°	75.9	84.5	89.2	92.7	89.8	97.2	95.6	110.1	115.1	142.5	146.8
45°	97.5	111.2	117.6	125.3	133.9	142.9	166.1	166.2	231.1	256.6	323.9
42.5°	121.7	142.2	159.9	163.0	206.1	231.1	262.8	327.8	391.2	470.8	501.2
40°	153.8	176.6	212.5	253.2	301.0	355.5	414.5	493.4	576.6	617.8	623.0
37.5°	189.4	232.2	282.3	356.1	429.5	501.1	575.8	653.0	713.0	728.2	784.1
35°	227.6	290.4	384.0	468.7	554.1	653.0	719.5	790.6	826.6	889.7	997.2
32.5°	275.7	350.1	466.5	576.6	671.6	779.2	842.9	897.4	981.9	1091.2	1328.8
30°	325.9	417.6	535.2	662.4	779.3	869.5	942.0	1010.4	1142.8	1406.9	2221.6
27.5°	367.7	475.4	599.2	740.9	874.3	956.7	1038.8	1158.2	1394.7	1939.0	3484.2
25°	405.2	522.2	661.9	826.4	957.0	1047.7	1154.6	1323.1	1694.3	3171.6	5151.7
22.5°	441.8	568.3	733.5	916.2	1040.8	1137.1	1299.1	1603.4	2381.2	4458.1	6838.0
20°	479.6	627.1	811.2	999.7	1121.1	1216.4	1425.3	1875.6	3467.8	5843.1	8326.0
17.5°	519.2	686.5	886.8	1059.1	1172.7	1299.5	1558.5	2098.9	4374.8	7136.5	9915.9
15°	557.9	743.5	951.5	1110.3	1219.9	1389.2	1737.3	2757.5	5334.0	8580.8	11615.8
12.5°	594.9	795.2	1001.7	1150.5	1266.4	1472.7	1884.1	3482.9	6487.3	9921.8	13093.6
10°	629.9	841.6	1043.9	1188.5	1317.0	1561.9	2025.6	4193.2	7496.9	10793.3	14005.7
7.5°	665.8	880.2	1079.5	1224.7	1365.8	1646.0	2181.3	4745.0	8250.8	11463.7	14710.5
5°	698.3	909.9	1113.8	1265.3	1416.1	1720.6	2307.2	5166.9	8816.4	12017.5	15338.2
2.5°	726.7	933.2	1143.0	1303.5	1465.1	1783.0	2343.5	5284.1	9082.1	12315.5	15955.6
0°	751.1	950.8	1166.6	1337.4	1509.2	1833.8	2353.1	5263.6	9147.8	12405.8	16556.8
-2.5°	764.9	973.5	1208.8	1386.1	1548.7	1874.7	2402.9	5271.4	9203.4	13038.1	17329.8
-5°	774.6	990.6	1243.4	1429.3	1583.6	1903.5	2430.7	5151.6	9128.2	13371.0	17555.8
-7.5°	780.0	1001.4	1268.9	1465.2	1615.4	1924.4	2446.3	4956.7	9132.4	13386.2	17271.6
-10°	782.8	1011.6	1280.9	1485.4	1642.6	1934.4	2438.7	4622.0	8769.9	13023.9	16803.4
-12.5°	792.3	1021.0	1285.2	1500.4	1664.4	1936.8	2449.9	4294.5	8089.8	12364.3	16134.1
-15°	796.0	1023.5	1282.8	1512.7	1699.5	1960.4	2450.2	3785.8	7207.0	11527.2	15292.4
-17.5°	793.5	1018.8	1275.5	1530.6	1731.9	1962.3	2394.6	3118.5	6198.6	10336.5	14184.2
-20°	784.9	1008.3	1259.5	1539.4	1750.5	1978.5	2378.3	3010.2	5210.4	8847.6	12838.6



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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°	772.3	991.9	1236.7	1519.9	1771.6	2014.1	2356.0	2866.1	4048.3	7146.8	11172.8
-25°	757.3	973.8	1212.2	1497.5	1781.5	2036.9	2286.9	2673.6	3365.9	5691.7	9111.0
-27.5°	741.7	948.1	1186.1	1460.4	1775.6	2026.0	2246.2	2567.0	3056.2	4075.0	6962.8
-30°	721.8	917.3	1147.7	1412.3	1723.0	1992.6	2221.4	2429.0	2763.1	3375.3	5108.8
-32.5°	697.6	881.1	1105.0	1357.5	1643.7	1952.5	2164.1	2344.5	2599.0	2974.2	3685.5
-35°	670.2	849.1	1057.4	1288.4	1549.7	1851.9	2078.0	2268.8	2440.7	2729.5	3184.3
-37.5°	642.2	809.7	996.2	1215.2	1464.0	1710.8	1977.6	2167.7	2340.9	2522.2	2846.1
-40°	609.6	760.8	935.4	1137.9	1348.9	1572.8	1820.3	2058.5	2229.6	2418.5	2612.7
-42.5°	573.9	714.3	870.3	1045.9	1235.3	1436.6	1656.2	1894.8	2124.2	2304.8	2483.3
-45°	545.0	664.0	801.0	957.4	1120.4	1299.5	1499.8	1708.8	1952.3	2186.1	2351.3
-47.5°	510.1	613.9	740.3	864.3	1011.8	1171.6	1342.6	1540.6	1744.8	1975.1	2201.0
-50°	476.8	571.9	669.1	781.0	906.1	1046.5	1199.0	1373.4	1562.2	1750.9	1955.7
-52.5°	454.0	526.8	609.6	697.8	807.2	927.5	1062.7	1210.7	1376.2	1541.0	1718.6
-55°	429.0	492.0	551.4	626.2	712.2	816.6	933.9	1063.3	1189.5	1340.0	1490.8
-57.5°	404.6	456.8	504.5	561.9	633.7	710.5	817.1	924.7	1034.3	1150.9	1278.3
-60°	379.9	422.6	464.4	510.7	563.1	631.0	705.1	795.1	884.7	977.8	1090.6
-62.5°	355.1	389.9	425.8	465.7	510.2	556.1	616.7	682.3	745.1	829.8	919.7
-65°	335.2	359.1	388.7	424.0	459.8	501.8	544.1	585.1	640.2	704.5	769.7
-67.5°	313.8	336.3	358.0	382.7	415.2	449.8	484.7	521.5	558.9	603.1	650.7
-70°	298.2	314.1	333.4	353.9	375.2	400.2	431.3	461.9	493.4	530.2	568.0
-72.5°	283.5	298.2	312.6	326.9	346.0	366.8	387.4	407.9	434.1	465.5	495.7
-75°	268.4	281.9	295.1	308.1	322.5	338.1	354.2	372.7	393.1	414.8	435.8
-77.5°	253.0	264.9	277.0	288.9	302.1	315.9	330.0	344.1	360.1	377.0	393.3
-80°	236.5	247.6	258.4	269.1	281.0	293.2	305.8	318.4	332.6	347.2	360.8
-82.5°	218.3	228.1	238.2	248.2	259.2	270.2	281.3	292.4	304.8	317.5	329.1
-85°	200.8	208.5	217.4	226.2	236.2	246.2	256.2	266.0	277.5	288.9	299.0
-87.5°	187.9	195.2	202.4	209.6	218.2	226.7	235.3	243.9	253.9	264.0	272.8
-90°	7.5	7.0	7.0	7.0	6.5	6.0	6.0	6.0	5.5	5.0	4.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	262.7	268.2	273.7	278.2	282.7	288.7	294.6	302.6	310.6	318.6	326.6
87.5°	4.8	4.4	4.0	3.9	3.9	3.9	3.9	3.5	3.0	3.0	3.0
85°	5.6	5.5	5.5	5.2	4.8	4.8	4.9	4.9	4.9	4.4	4.0
82.5°	6.0	6.0	6.0	5.5	5.0	5.0	5.0	5.0	5.0	4.5	4.0
80°	6.3	6.2	6.0	5.8	5.6	5.4	5.0	4.6	4.2	4.1	4.0
77.5°	7.1	6.8	6.4	6.3	6.1	5.6	5.1	4.6	4.1	4.0	4.0
75°	8.1	7.8	7.5	7.2	6.6	6.4	6.3	6.0	5.7	5.7	5.8
72.5°	9.7	9.5	9.5	9.8	9.7	10.0	10.5	10.9	11.3	12.1	13.0
70°	14.4	15.4	15.8	16.1	16.1	15.9	15.8	16.1	16.6	17.1	17.5
67.5°	21.1	22.6	23.5	23.9	22.3	21.4	21.5	21.9	22.7	24.1	26.1
65°	27.5	27.1	26.3	25.8	26.0	26.1	26.0	26.3	27.6	29.7	32.3
62.5°	32.3	27.9	25.3	24.1	24.9	26.5	25.4	24.6	25.7	27.0	28.3
60°	36.8	28.8	23.1	21.3	21.0	21.6	19.9	18.3	18.8	19.2	19.9
57.5°	41.2	30.8	21.4	18.2	15.3	13.8	13.3	12.8	12.4	12.2	12.2
55°	45.1	33.5	21.0	18.6	16.5	16.1	14.7	14.0	13.4	13.2	13.5
52.5°	50.0	43.1	34.4	32.0	36.0	36.3	32.2	38.2	42.8	44.9	45.7
50°	81.9	73.3	88.1	86.7	103.9	116.1	111.8	125.4	145.5	158.2	163.5
47.5°	180.0	180.3	209.4	235.1	256.5	284.3	305.7	326.4	355.2	373.0	381.1
45°	341.5	370.6	400.9	445.1	487.5	539.1	601.2	650.0	845.9	1041.0	1218.5
42.5°	522.8	554.6	599.0	695.3	809.7	1074.5	1548.0	1812.3	2142.1	2501.2	2639.0
40°	673.6	719.9	841.9	1112.9	1773.0	2401.5	3092.0	3675.8	4192.6	4489.9	4738.4
37.5°	859.9	970.4	1526.1	2293.2	3113.9	3901.7	4612.7	5229.7	5765.2	6199.5	6629.5
35°	1131.4	1865.3	2686.2	3683.7	4556.1	5285.9	6022.5	6729.5	7336.9	7985.6	8949.6
32.5°	2144.8	3104.0	4159.9	5054.0	5906.7	6827.5	7601.6	8732.8	9618.7	10801.5	12609.1
30°	3442.6	4646.5	5603.9	6498.2	7591.6	8830.6	10123.2	11853.3	13661.4	15547.4	17488.3
27.5°	5108.9	6324.8	7334.1	8527.1	9970.8	11619.6	14090.9	16529.7	19122.6	21481.1	23273.6
25°	7117.3	8405.0	10130.4	11861.3	13927.2	16745.0	19521.4	22509.6	25109.2	27423.8	30014.7
22.5°	8999.7	11110.5	13388.9	16001.9	19366.3	22544.3	25977.1	29001.1	32263.5	35562.3	38113.6
20°	10588.9	13338.7	16607.1	20374.1	24103.2	27703.2	31698.0	36518.1	41375.0	45714.1	48862.8
17.5°	12732.5	16215.0	20283.4	24761.0	28775.7	33237.0	38796.8	45059.7	51865.3	57886.9	62661.6
15°	15074.7	19141.4	23741.5	28433.1	33512.3	39490.3	46639.5	54637.8	62962.5	71406.1	79272.5
12.5°	16667.0	21431.4	26454.8	32033.4	38368.5	46383.6	55064.7	63931.2	73444.6	83950.4	93075.5
10°	18028.3	23313.9	29374.3	35863.2	43142.8	51758.8	60731.0	71500.5	83375.3	93721.0	103494.8
7.5°	19374.6	25585.6	31916.3	38672.6	46670.4	56028.6	66647.3	78229.6	90314.4	101559.6	109552.3
5°	20967.8	27411.5	33741.8	40878.7	49254.2	58988.4	70188.7	83489.1	96221.7	106558.3	113767.3
2.5°	22285.1	28506.8	34988.7	42052.4	50660.3	60823.7	72979.8	87760.4	100825.3	110490.3	117013.6
0°	22955.9	29208.3	35773.2	42951.5	51775.7	62146.0	75408.8	90935.8	103283.7	112212.2	119198.2
-2.5°	23037.7	28985.3	35429.2	42509.1	51133.4	61709.4	75305.9	91016.3	103923.6	113203.5	120096.0
-5°	22799.6	28691.5	35123.1	42207.2	50715.0	61731.2	75383.0	90489.7	102961.8	112574.2	119065.3
-7.5°	22225.4	28152.0	34595.5	41575.4	49949.3	60633.4	73366.1	87059.4	99888.1	110274.2	116262.2
-10°	21384.2	27207.4	33551.6	40233.3	48130.5	58008.5	69395.6	81931.9	94895.5	104826.0	111731.5
-12.5°	20320.3	25831.5	31896.1	38213.0	45669.0	54872.1	65022.5	75519.8	86386.8	97708.2	104900.6
-15°	19098.9	24134.8	29811.7	36162.5	43533.9	51203.7	59266.5	67818.8	77753.0	87013.6	95385.8
-17.5°	17939.9	22277.2	27574.0	33761.6	40038.7	46703.0	53613.0	60595.4	68561.7	75831.0	82334.0
-20°	16483.4	20176.5	25056.9	30554.9	36387.7	42162.1	48097.4	53754.4	59537.6	65454.5	70619.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14766.7	18358.2	22430.0	27217.2	32816.9	37956.2	42709.9	47130.8	51766.3	55860.4	60110.7
-25°	12896.5	16349.7	20091.6	24455.6	28755.0	33414.1	37359.6	41119.2	44714.7	47929.5	51234.6
-27.5°	10600.0	14245.5	17933.9	21426.7	24974.5	28319.8	31998.4	35467.1	38465.7	41117.8	43737.3
-30°	8012.8	11882.1	15371.2	18367.3	21180.0	23970.1	26786.4	29697.1	32535.7	34950.8	37096.3
-32.5°	5912.0	9139.8	12364.9	15301.0	17762.7	20068.7	22258.8	24542.4	26527.9	28566.5	30550.6
-35°	3911.5	6192.9	8870.2	11855.0	14418.9	16358.9	18344.7	20165.4	21662.1	23242.6	24740.5
-37.5°	3291.8	3898.9	5690.0	8113.3	10487.9	12718.7	14699.1	16282.0	17659.5	18921.9	20215.6
-40°	2903.8	3250.1	3759.7	4640.1	6637.1	8599.6	10639.9	12322.4	13789.9	15000.1	16191.1
-42.5°	2649.1	2886.7	3140.6	3487.3	3829.1	4790.2	6465.1	7917.3	9293.7	10657.1	11884.3
-45°	2517.1	2650.5	2795.7	2984.2	3130.4	3390.9	3681.8	3955.1	5050.5	6234.4	7225.3
-47.5°	2358.9	2501.1	2609.6	2698.3	2769.4	2883.9	3004.8	3162.9	3416.5	3715.5	3943.8
-50°	2156.5	2329.1	2437.4	2526.5	2577.5	2621.7	2665.3	2764.4	2901.8	3064.8	3194.2
-52.5°	1894.8	2065.7	2219.0	2334.8	2391.2	2446.2	2501.0	2569.1	2647.3	2741.4	2808.9
-55°	1648.3	1791.0	1923.7	2031.6	2129.0	2217.7	2303.0	2375.1	2459.4	2549.0	2611.9
-57.5°	1414.3	1529.5	1638.4	1731.9	1816.1	1890.8	1978.0	2072.7	2180.5	2283.2	2355.4
-60°	1195.6	1287.2	1377.7	1453.7	1522.2	1583.4	1664.1	1743.5	1838.0	1922.2	1983.4
-62.5°	1000.0	1080.0	1146.9	1204.2	1255.9	1307.1	1374.9	1441.4	1519.1	1586.4	1637.2
-65°	830.8	897.6	944.7	987.3	1024.7	1068.3	1120.8	1174.0	1235.2	1287.4	1329.2
-67.5°	700.4	745.7	775.3	801.5	832.6	867.3	906.9	949.5	997.0	1036.5	1068.5
-70°	601.8	630.0	648.0	667.6	690.3	714.3	741.1	773.2	809.3	840.1	866.6
-72.5°	523.8	545.3	560.2	575.3	589.0	605.4	623.5	647.4	674.1	698.2	720.6
-75°	456.1	471.5	485.4	498.6	510.4	524.3	538.8	559.0	580.9	600.7	619.4
-77.5°	410.7	422.6	431.8	440.7	449.3	460.8	472.7	489.0	506.0	522.4	538.3
-80°	374.3	383.4	391.2	397.7	403.6	413.5	423.7	437.0	450.5	464.7	478.8
-82.5°	340.5	348.5	356.0	362.1	367.8	376.7	385.8	397.7	409.7	421.5	433.2
-85°	308.9	316.3	323.3	329.1	334.9	342.1	349.2	359.5	369.8	380.5	391.2
-87.5°	281.5	288.3	295.2	299.8	304.3	310.7	317.1	325.9	334.7	343.9	353.2
-90°	4.0	4.0	4.0	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.0



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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°	330.6	334.6	336.6	338.6	336.6	334.6	330.6	326.6	318.6	310.6	302.6
87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0	3.0	3.5
85°	3.5	3.0	3.5	4.0	3.5	3.0	3.5	4.0	4.4	4.9	4.9
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	5.0	5.0
80°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.2	4.6
77.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.6
75°	5.5	5.0	5.0	5.0	5.0	5.0	5.5	5.8	5.7	5.7	6.0
72.5°	13.5	13.8	14.4	15.0	14.4	13.8	13.5	13.0	12.1	11.3	10.9
70°	17.7	17.9	18.0	18.0	18.0	17.9	17.7	17.5	17.1	16.6	16.1
67.5°	27.2	27.6	28.8	30.0	28.8	27.6	27.2	26.1	24.1	22.7	21.9
65°	34.1	35.5	35.9	36.0	35.9	35.5	34.1	32.3	29.7	27.6	26.3
62.5°	29.5	30.9	31.1	31.0	31.1	30.9	29.5	28.3	27.0	25.7	24.6
60°	20.6	21.2	21.5	22.0	21.5	21.2	20.6	19.9	19.2	18.8	18.3
57.5°	12.4	13.1	13.1	13.0	13.1	13.1	12.4	12.2	12.2	12.4	12.8
55°	13.6	13.9	13.6	13.0	13.6	13.9	13.6	13.5	13.2	13.4	14.0
52.5°	44.5	42.2	40.0	38.0	40.0	42.2	44.5	45.7	44.9	42.8	38.2
50°	161.8	159.1	155.2	150.8	155.2	159.1	161.8	163.5	158.2	145.5	125.4
47.5°	388.4	389.2	385.4	378.5	385.4	389.2	388.4	381.1	373.0	355.2	326.4
45°	1373.2	1447.9	1488.2	1516.1	1488.2	1447.9	1373.2	1218.5	1041.0	845.9	650.0
42.5°	2759.5	2864.3	2943.9	2960.4	2943.9	2864.3	2759.5	2639.0	2501.2	2142.1	1812.3
40°	5033.0	5050.6	4758.5	4317.7	4758.5	5050.6	5033.0	4738.4	4489.9	4192.6	3675.8
37.5°	7141.8	7878.8	8734.9	9171.8	8734.9	7878.8	7141.8	6629.5	6199.5	5765.2	5229.7
35°	10250.2	11358.7	11718.3	11727.7	11718.3	11358.7	10250.2	8949.6	7985.6	7336.9	6729.5
32.5°	14239.2	15140.5	15621.7	15491.1	15621.7	15140.5	14239.2	12609.1	10801.5	9618.7	8732.8
30°	18619.4	19403.6	19409.9	19147.6	19409.9	19403.6	18619.4	17488.3	15547.4	13661.4	11853.3
27.5°	25129.0	26785.9	27952.1	28266.4	27952.1	26785.9	25129.0	23273.6	21481.1	19122.6	16529.7
25°	32349.2	34170.1	35289.6	35697.3	35289.6	34170.1	32349.2	30014.7	27423.8	25109.2	22509.6
22.5°	40488.0	42258.4	43066.3	43488.8	43066.3	42258.4	40488.0	38113.6	35562.3	32263.5	29001.1
20°	51864.3	54381.4	55330.3	55735.8	55330.3	54381.4	51864.3	48862.8	45714.1	41375.0	36518.1
17.5°	67622.6	72593.8	75702.1	77298.5	75702.1	72593.8	67622.6	62661.6	57886.9	51865.3	45059.7
15°	85094.3	90141.1	93460.1	95450.3	93460.1	90141.1	85094.3	79272.5	71406.1	62962.5	54637.8
12.5°	100082.9	104581.9	107787.6	109693.4	107787.6	104581.9	100082.9	93075.5	83950.4	73444.6	63931.2
10°	109698.6	113556.9	116882.8	118507.1	116882.8	113556.9	109698.6	103494.8	93721.0	83375.3	71500.5
7.5°	115133.1	119619.4	121422.3	122533.1	121422.3	119619.4	115133.1	109552.3	101559.6	90314.4	78229.6
5°	119344.9	122890.3	124554.5	125366.7	124554.5	122890.3	119344.9	113767.3	106558.3	96221.7	83489.1
2.5°	122156.6	125234.4	126411.4	127066.6	126411.4	125234.4	122156.6	117013.6	110490.3	100825.3	87760.4
0°	123505.9	125775.2	127094.6	126451.4	127094.6	125775.2	123505.9	119198.2	112212.2	103283.7	90935.8
-2.5°	123515.4	125672.4	126653.1	126175.7	126653.1	125672.4	123515.4	120096.0	113203.5	103923.6	91016.3
-5°	122458.6	124068.4	125263.0	124880.3	125263.0	124068.4	122458.6	119065.3	112574.2	102961.8	90489.7
-7.5°	119608.9	121748.4	122623.4	122666.0	122623.4	121748.4	119608.9	116262.2	110274.2	99888.1	87059.4
-10°	115688.7	118060.7	118992.2	119087.4	118992.2	118060.7	115688.7	111731.5	104826.0	94895.5	81931.9
-12.5°	109862.1	112644.8	113985.4	114224.3	113985.4	112644.8	109862.1	104900.6	97708.2	86386.8	75519.8
-15°	100817.3	104567.8	106684.7	107427.6	106684.7	104567.8	100817.3	95385.8	87013.6	77753.0	67818.8
-17.5°	88521.2	93002.3	95642.0	96572.9	95642.0	93002.3	88521.2	82334.0	75831.0	68561.7	60595.4
-20°	75695.2	79017.3	81052.3	81890.8	81052.3	79017.3	75695.2	70619.2	65454.5	59537.6	53754.4



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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°	64028.7	66707.2	68219.2	68890.7	68219.2	66707.2	64028.7	60110.7	55860.4	51766.3	47130.8
-25°	53910.3	56166.2	56941.6	57378.8	56941.6	56166.2	53910.3	51234.6	47929.5	44714.7	41119.2
-27.5°	45642.9	47432.4	47850.1	48236.0	47850.1	47432.4	45642.9	43737.3	41117.8	38465.7	35467.1
-30°	38676.5	40233.8	40446.7	40874.0	40446.7	40233.8	38676.5	37096.3	34950.8	32535.7	29697.1
-32.5°	32161.6	33548.3	34079.5	34161.2	34079.5	33548.3	32161.6	30550.6	28566.5	26527.9	24542.4
-35°	25923.1	26837.0	27198.6	27220.7	27198.6	26837.0	25923.1	24740.5	23242.6	21662.1	20165.4
-37.5°	21018.1	21600.8	22019.6	21904.2	22019.6	21600.8	21018.1	20215.6	18921.9	17659.5	16282.0
-40°	16858.5	17444.7	17827.5	17734.3	17827.5	17444.7	16858.5	16191.1	15000.1	13789.9	12322.4
-42.5°	12561.2	13205.8	13567.7	13467.5	13567.7	13205.8	12561.2	11884.3	10657.1	9293.7	7917.3
-45°	7790.1	8358.4	8625.0	8462.7	8625.0	8358.4	7790.1	7225.3	6234.4	5050.5	3955.1
-47.5°	4064.1	4193.4	4234.8	4176.9	4234.8	4193.4	4064.1	3943.8	3715.5	3416.5	3162.9
-50°	3295.2	3376.3	3411.1	3400.8	3411.1	3376.3	3295.2	3194.2	3064.8	2901.8	2764.4
-52.5°	2862.0	2899.5	2911.8	2904.4	2911.8	2899.5	2862.0	2808.9	2741.4	2647.3	2569.1
-55°	2665.1	2702.4	2715.2	2710.7	2715.2	2702.4	2665.1	2611.9	2549.0	2459.4	2375.1
-57.5°	2415.4	2461.1	2489.4	2503.9	2489.4	2461.1	2415.4	2355.4	2283.2	2180.5	2072.7
-60°	2032.8	2069.3	2079.8	2074.5	2079.8	2069.3	2032.8	1983.4	1922.2	1838.0	1743.5
-62.5°	1677.2	1707.3	1729.7	1744.9	1729.7	1707.3	1677.2	1637.2	1586.4	1519.1	1441.4
-65°	1359.8	1381.5	1386.1	1382.3	1386.1	1381.5	1359.8	1329.2	1287.4	1235.2	1174.0
-67.5°	1090.9	1107.0	1109.1	1105.6	1109.1	1107.0	1090.9	1068.5	1036.5	997.0	949.5
-70°	884.5	898.0	899.9	897.9	899.9	898.0	884.5	866.6	840.1	809.3	773.2
-72.5°	733.6	743.5	751.1	757.1	751.1	743.5	733.6	720.6	698.2	674.1	647.4
-75°	628.8	635.9	637.7	638.2	637.7	635.9	628.8	619.4	600.7	580.9	559.0
-77.5°	546.7	553.8	558.9	563.3	558.9	553.8	546.7	538.3	522.4	506.0	489.0
-80°	485.1	490.6	494.7	498.4	494.7	490.6	485.1	478.8	464.7	450.5	437.0
-82.5°	439.2	444.9	448.3	451.4	448.3	444.9	439.2	433.2	421.5	409.7	397.7
-85°	395.8	400.2	403.4	406.5	403.4	400.2	395.8	391.2	380.5	369.8	359.5
-87.5°	357.4	361.5	363.6	365.6	363.6	361.5	357.4	353.2	343.9	334.7	325.9
-90°	1.5	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0	2.0	2.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	294.6	288.7	282.7	278.2	273.7	268.2	262.7	254.2	245.7	236.7	227.7
87.5°	3.9	3.9	3.9	3.9	4.0	4.4	4.8	4.9	5.0	5.5	6.0
85°	4.9	4.8	4.8	5.2	5.5	5.5	5.6	5.6	5.6	6.0	6.4
82.5°	5.0	5.0	5.0	5.5	6.0	6.0	6.0	6.2	6.3	6.6	7.0
80°	5.0	5.4	5.6	5.8	6.0	6.2	6.3	6.7	7.0	7.0	7.1
77.5°	5.1	5.6	6.1	6.3	6.4	6.8	7.1	7.0	7.1	7.4	7.7
75°	6.3	6.4	6.6	7.2	7.5	7.8	8.1	8.3	8.2	8.2	8.4
72.5°	10.5	10.0	9.7	9.8	9.5	9.5	9.7	9.8	9.8	9.4	9.2
70°	15.8	15.9	16.1	16.1	15.8	15.4	14.4	13.2	12.3	12.1	11.3
67.5°	21.5	21.4	22.3	23.9	23.5	22.6	21.1	19.5	18.1	16.8	14.5
65°	26.0	26.1	26.0	25.8	26.3	27.1	27.5	26.0	26.2	23.9	19.1
62.5°	25.4	26.5	24.9	24.1	25.3	27.9	32.3	34.5	36.4	34.2	28.7
60°	19.9	21.6	21.0	21.3	23.1	28.8	36.8	43.1	48.3	44.8	38.4
57.5°	13.3	13.8	15.3	18.2	21.4	30.8	41.2	50.8	57.6	53.5	47.9
55°	14.7	16.1	16.5	18.6	21.0	33.5	45.1	55.1	62.3	60.3	54.7
52.5°	32.2	36.3	36.0	32.0	34.4	43.1	50.0	61.3	67.6	67.5	62.7
50°	111.8	116.1	103.9	86.7	88.1	73.3	81.9	84.0	81.7	82.4	75.3
47.5°	305.7	284.3	256.5	235.1	209.4	180.3	180.0	146.8	142.5	115.1	110.1
45°	601.2	539.1	487.5	445.1	400.9	370.6	341.5	323.9	256.6	231.1	166.2
42.5°	1548.0	1074.5	809.7	695.3	599.0	554.6	522.8	501.2	470.8	391.2	327.8
40°	3092.0	2401.5	1773.0	1112.9	841.9	719.9	673.6	623.0	617.8	576.6	493.4
37.5°	4612.7	3901.7	3113.9	2293.2	1526.1	970.4	859.9	784.1	728.2	713.0	653.0
35°	6022.5	5285.9	4556.1	3683.7	2686.2	1865.3	1131.4	997.2	889.7	826.6	790.6
32.5°	7601.6	6827.5	5906.7	5054.0	4159.9	3104.0	2144.8	1328.8	1091.2	981.9	897.4
30°	10123.2	8830.6	7591.6	6498.2	5603.9	4646.5	3442.6	2221.6	1406.9	1142.8	1010.4
27.5°	14090.9	11619.6	9970.8	8527.1	7334.1	6324.8	5108.9	3484.2	1939.0	1394.7	1158.2
25°	19521.4	16745.0	13927.2	11861.3	10130.4	8405.0	7117.3	5151.7	3171.6	1694.3	1323.1
22.5°	25977.1	22544.3	19366.3	16001.9	13388.9	11110.5	8999.7	6838.0	4458.1	2381.2	1603.4
20°	31698.0	27703.2	24103.2	20374.1	16607.1	13338.7	10588.9	8326.0	5843.1	3467.8	1875.6
17.5°	38796.8	33237.0	28775.7	24761.0	20283.4	16215.0	12732.5	9915.9	7136.5	4374.8	2098.9
15°	46639.5	39490.3	33512.3	28433.1	23741.5	19141.4	15074.7	11615.8	8580.8	5334.0	2757.5
12.5°	55064.7	46383.6	38368.5	32033.4	26454.8	21431.4	16667.0	13093.6	9921.8	6487.3	3482.9
10°	60731.0	51758.8	43142.8	35863.2	29374.3	23313.9	18028.3	14005.7	10793.3	7496.9	4193.2
7.5°	66647.3	56028.6	46670.4	38672.6	31916.3	25585.6	19374.6	14710.5	11463.7	8250.8	4745.0
5°	70188.7	58988.4	49254.2	40878.7	33741.8	27411.5	20967.8	15338.2	12017.5	8816.4	5166.9
2.5°	72979.8	60823.7	50660.3	42052.4	34988.7	28506.8	22285.1	15955.6	12315.5	9082.1	5284.1
0°	75408.8	62146.0	51775.7	42951.5	35773.2	29208.3	22955.9	16556.8	12405.8	9147.8	5263.6
-2.5°	75305.9	61709.4	51133.4	42509.1	35429.2	28985.3	23037.7	17329.8	13038.1	9203.4	5271.4
-5°	75383.0	61731.2	50715.0	42207.2	35123.1	28691.5	22799.6	17555.8	13371.0	9128.2	5151.6
-7.5°	73366.1	60633.4	49949.3	41575.4	34595.5	28152.0	22225.4	17271.6	13386.2	9132.4	4956.7
-10°	69395.6	58008.5	48130.5	40233.3	33551.6	27207.4	21384.2	16803.4	13023.9	8769.9	4622.0
-12.5°	65022.5	54872.1	45669.0	38213.0	31896.1	25831.5	20320.3	16134.1	12364.3	8089.8	4294.5
-15°	59266.5	51203.7	43533.9	36162.5	29811.7	24134.8	19098.9	15292.4	11527.2	7207.0	3785.8
-17.5°	53613.0	46703.0	40038.7	33761.6	27574.0	22277.2	17939.9	14184.2	10336.5	6198.6	3118.5
-20°	48097.4	42162.1	36387.7	30554.9	25056.9	20176.5	16483.4	12838.6	8847.6	5210.4	3010.2



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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°	42709.9	37956.2	32816.9	27217.2	22430.0	18358.2	14766.7	11172.8	7146.8	4048.3	2866.1
-25°	37359.6	33414.1	28755.0	24455.6	20091.6	16349.7	12896.5	9111.0	5691.7	3365.9	2673.6
-27.5°	31998.4	28319.8	24974.5	21426.7	17933.9	14245.5	10600.0	6962.8	4075.0	3056.2	2567.0
-30°	26786.4	23970.1	21180.0	18367.3	15371.2	11882.1	8012.8	5108.8	3375.3	2763.1	2429.0
-32.5°	22258.8	20068.7	17762.7	15301.0	12364.9	9139.8	5912.0	3685.5	2974.2	2599.0	2344.5
-35°	18344.7	16358.9	14418.9	11855.0	8870.2	6192.9	3911.5	3184.3	2729.5	2440.7	2268.8
-37.5°	14699.1	12718.7	10487.9	8113.3	5690.0	3898.9	3291.8	2846.1	2522.2	2340.9	2167.7
-40°	10639.9	8599.6	6637.1	4640.1	3759.7	3250.1	2903.8	2612.7	2418.5	2229.6	2058.5
-42.5°	6465.1	4790.2	3829.1	3487.3	3140.6	2886.7	2649.1	2483.3	2304.8	2124.2	1894.8
-45°	3681.8	3390.9	3130.4	2984.2	2795.7	2650.5	2517.1	2351.3	2186.1	1952.3	1708.8
-47.5°	3004.8	2883.9	2769.4	2698.3	2609.6	2501.1	2358.9	2201.0	1975.1	1744.8	1540.6
-50°	2665.3	2621.7	2577.5	2526.5	2437.4	2329.1	2156.5	1955.7	1750.9	1562.2	1373.4
-52.5°	2501.0	2446.2	2391.2	2334.8	2219.0	2065.7	1894.8	1718.6	1541.0	1376.2	1210.7
-55°	2303.0	2217.7	2129.0	2031.6	1923.7	1791.0	1648.3	1490.8	1340.0	1189.5	1063.3
-57.5°	1978.0	1890.8	1816.1	1731.9	1638.4	1529.5	1414.3	1278.3	1150.9	1034.3	924.7
-60°	1664.1	1583.4	1522.2	1453.7	1377.7	1287.2	1195.6	1090.6	977.8	884.7	795.1
-62.5°	1374.9	1307.1	1255.9	1204.2	1146.9	1080.0	1000.0	919.7	829.8	745.1	682.3
-65°	1120.8	1068.3	1024.7	987.3	944.7	897.6	830.8	769.7	704.5	640.2	585.1
-67.5°	906.9	867.3	832.6	801.5	775.3	745.7	700.4	650.7	603.1	558.9	521.5
-70°	741.1	714.3	690.3	667.6	648.0	630.0	601.8	568.0	530.2	493.4	461.9
-72.5°	623.5	605.4	589.0	575.3	560.2	545.3	523.8	495.7	465.5	434.1	407.9
-75°	538.8	524.3	510.4	498.6	485.4	471.5	456.1	435.8	414.8	393.1	372.7
-77.5°	472.7	460.8	449.3	440.7	431.8	422.6	410.7	393.3	377.0	360.1	344.1
-80°	423.7	413.5	403.6	397.7	391.2	383.4	374.3	360.8	347.2	332.6	318.4
-82.5°	385.8	376.7	367.8	362.1	356.0	348.5	340.5	329.1	317.5	304.8	292.4
-85°	349.2	342.1	334.9	329.1	323.3	316.3	308.9	299.0	288.9	277.5	266.0
-87.5°	317.1	310.7	304.3	299.8	295.2	288.3	281.5	272.8	264.0	253.9	243.9
-90°	3.0	3.0	3.0	3.5	4.0	4.0	4.0	4.5	5.0	5.5	6.0



REPORT NUMBER: P1306152 (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°	219.2	210.7	202.8	194.8	188.3	181.8	174.8	167.8	156.3	144.8	128.9
87.5°	6.3	6.6	7.1	7.6	7.5	7.5	8.0	8.4	8.6	8.7	9.1
85°	6.9	7.3	7.6	8.0	8.1	8.0	8.4	8.9	9.2	9.4	9.7
82.5°	7.5	7.9	7.9	8.1	8.7	9.0	9.1	9.3	9.8	10.1	10.3
80°	7.6	8.0	8.2	8.4	9.2	10.0	9.8	9.8	10.4	10.8	10.9
77.5°	8.0	8.3	8.6	9.0	9.5	10.1	10.2	10.3	11.0	11.5	11.6
75°	8.7	8.9	8.9	9.3	9.8	10.2	10.5	10.8	11.6	12.2	12.2
72.5°	9.5	9.5	9.2	9.5	10.3	10.8	11.1	11.3	12.0	12.7	12.8
70°	10.6	10.2	9.8	10.2	10.9	11.5	11.9	12.3	12.5	13.2	13.6
67.5°	12.0	11.4	10.8	11.0	11.6	12.5	12.9	13.4	13.7	13.9	14.4
65°	16.5	14.5	12.0	12.6	12.7	13.7	14.3	14.8	14.9	15.2	15.2
62.5°	23.2	19.6	17.4	15.4	15.1	16.3	16.1	17.3	16.5	16.7	16.5
60°	31.7	26.1	23.4	21.3	19.9	19.8	20.4	20.1	19.8	18.3	18.1
57.5°	39.6	32.2	31.3	28.3	27.5	25.9	26.2	25.6	24.0	22.5	19.8
55°	46.8	40.4	40.5	38.3	37.4	34.5	34.2	32.9	29.8	27.8	21.9
52.5°	54.2	51.9	51.2	51.9	51.2	45.8	45.4	41.1	38.7	33.8	27.5
50°	65.8	68.0	65.6	69.5	67.3	64.0	57.6	53.1	48.3	41.1	33.6
47.5°	95.6	97.2	89.8	92.7	89.2	84.5	75.9	66.6	58.4	50.4	39.8
45°	166.1	142.9	133.9	125.3	117.6	111.2	97.5	80.8	71.4	60.0	46.2
42.5°	262.8	231.1	206.1	163.0	159.9	142.2	121.7	102.3	85.0	69.8	53.9
40°	414.5	355.5	301.0	253.2	212.5	176.6	153.8	126.2	99.0	80.7	62.8
37.5°	575.8	501.1	429.5	356.1	282.3	232.2	189.4	151.4	115.8	93.4	71.8
35°	719.5	653.0	554.1	468.7	384.0	290.4	227.6	180.5	138.5	106.5	80.9
32.5°	842.9	779.2	671.6	576.6	466.5	350.1	275.7	213.6	161.7	119.8	90.4
30°	942.0	869.5	779.3	662.4	535.2	417.6	325.9	246.2	185.3	133.4	100.6
27.5°	1038.8	956.7	874.3	740.9	599.2	475.4	367.7	278.0	209.1	148.7	111.6
25°	1154.6	1047.7	957.0	826.4	661.9	522.2	405.2	309.3	234.7	166.4	122.2
22.5°	1299.1	1137.1	1040.8	916.2	733.5	568.3	441.8	342.3	256.8	183.1	132.3
20°	1425.3	1216.4	1121.1	999.7	811.2	627.1	479.6	369.9	277.7	198.8	142.0
17.5°	1558.5	1299.5	1172.7	1059.1	886.8	686.5	519.2	396.0	297.3	213.4	151.1
15°	1737.3	1389.2	1219.9	1110.3	951.5	743.5	557.9	420.7	315.6	226.9	160.0
12.5°	1884.1	1472.7	1266.4	1150.5	1001.7	795.2	594.9	443.9	332.4	240.5	168.7
10°	2025.6	1561.9	1317.0	1188.5	1043.9	841.6	629.9	468.4	352.3	254.0	177.0
7.5°	2181.3	1646.0	1365.8	1224.7	1079.5	880.2	665.8	497.7	371.5	266.5	184.6
5°	2307.2	1720.6	1416.1	1265.3	1113.8	909.9	698.3	525.3	389.3	277.8	191.7
2.5°	2343.5	1783.0	1465.1	1303.5	1143.0	933.2	726.7	550.6	405.4	287.9	198.1
0°	2353.1	1833.8	1509.2	1337.4	1166.6	950.8	751.1	573.3	419.5	296.6	203.8
-2.5°	2402.9	1874.7	1548.7	1386.1	1208.8	973.5	764.9	585.0	431.4	306.8	212.1
-5°	2430.7	1903.5	1583.6	1429.3	1243.4	990.6	774.6	593.6	441.0	315.4	219.6
-7.5°	2446.3	1924.4	1615.4	1465.2	1268.9	1001.4	780.0	599.3	448.3	322.4	226.3
-10°	2438.7	1934.4	1642.6	1485.4	1280.9	1011.6	782.8	602.0	453.2	327.8	232.1
-12.5°	2449.9	1936.8	1664.4	1500.4	1285.2	1021.0	792.3	606.2	455.8	331.4	236.9
-15°	2450.2	1960.4	1699.5	1512.7	1282.8	1023.5	796.0	608.4	456.5	333.4	240.9
-17.5°	2394.6	1962.3	1731.9	1530.6	1275.5	1018.8	793.5	605.8	454.6	333.9	244.3
-20°	2378.3	1978.5	1750.5	1539.4	1259.5	1008.3	784.9	598.3	449.9	332.7	247.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2356.0	2014.1	1771.6	1519.9	1236.7	991.9	772.3	586.3	442.5	329.7	249.1
-25°	2286.9	2036.9	1781.5	1497.5	1212.2	973.8	757.3	575.9	432.2	325.0	250.2
-27.5°	2246.2	2026.0	1775.6	1460.4	1186.1	948.1	741.7	568.1	425.3	318.6	250.4
-30°	2221.4	1992.6	1723.0	1412.3	1147.7	917.3	721.8	556.2	419.8	315.9	249.6
-32.5°	2164.1	1952.5	1643.7	1357.5	1105.0	881.1	697.6	539.6	411.4	315.6	249.0
-35°	2078.0	1851.9	1549.7	1288.4	1057.4	849.1	670.2	518.4	400.1	313.8	248.1
-37.5°	1977.6	1710.8	1464.0	1215.2	996.2	809.7	642.2	499.1	385.9	310.5	246.6
-40°	1820.3	1572.8	1348.9	1137.9	935.4	760.8	609.6	480.6	377.3	305.6	244.0
-42.5°	1656.2	1436.6	1235.3	1045.9	870.3	714.3	573.9	458.7	370.1	300.7	240.4
-45°	1499.8	1299.5	1120.4	957.4	801.0	664.0	545.0	435.9	361.0	295.4	236.9
-47.5°	1342.6	1171.6	1011.8	864.3	740.3	613.9	510.1	423.1	349.9	288.8	234.1
-50°	1199.0	1046.5	906.1	781.0	669.1	571.9	476.8	408.0	340.0	280.4	230.5
-52.5°	1062.7	927.5	807.2	697.8	609.6	526.8	454.0	389.8	328.2	273.3	226.0
-55°	933.9	816.6	712.2	626.2	551.4	492.0	429.0	371.5	314.6	266.3	221.2
-57.5°	817.1	710.5	633.7	561.9	504.5	456.8	404.6	351.5	303.9	258.3	218.7
-60°	705.1	631.0	563.1	510.7	464.4	422.6	379.9	332.4	293.3	250.3	215.2
-62.5°	616.7	556.1	510.2	465.7	425.8	389.9	355.1	317.2	281.2	245.2	211.0
-65°	544.1	501.8	459.8	424.0	388.7	359.1	335.2	301.0	271.7	239.4	206.1
-67.5°	484.7	449.8	415.2	382.7	358.0	336.3	313.8	288.5	262.7	233.0	200.1
-70°	431.3	400.2	375.2	353.9	333.4	314.1	298.2	277.2	253.1	225.1	193.7
-72.5°	387.4	366.8	346.0	326.9	312.6	298.2	283.5	265.2	242.2	216.6	186.7
-75°	354.2	338.1	322.5	308.1	295.1	281.9	268.4	252.5	230.9	207.5	178.6
-77.5°	330.0	315.9	302.1	288.9	277.0	264.9	253.0	239.3	218.7	196.7	169.7
-80°	305.8	293.2	281.0	269.1	258.4	247.6	236.5	224.0	204.9	185.3	160.4
-82.5°	281.3	270.2	259.2	248.2	238.2	228.1	218.3	207.7	190.7	173.5	151.6
-85°	256.2	246.2	236.2	226.2	217.4	208.5	200.8	192.7	178.5	164.1	144.3
-87.5°	235.3	226.7	218.2	209.6	202.4	195.2	187.9	180.4	167.5	154.6	136.7
-90°	6.0	6.0	6.5	7.0	7.0	7.0	7.5	8.0	8.0	8.0	8.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	112.9	93.4	73.9	52.9	32.0	21.5	11.0
87.5°	9.5	9.4	9.3	9.3	9.3	10.2	11.0
85°	10.0	9.9	9.7	9.7	9.5	10.4	11.0
82.5°	10.5	10.3	10.0	10.0	9.8	10.7	11.0
80°	11.1	10.7	10.4	10.3	10.1	10.9	11.0
77.5°	11.6	11.2	10.8	10.6	10.4	11.1	11.0
75°	12.2	11.9	11.2	11.0	10.7	11.3	11.0
72.5°	12.8	12.6	11.9	11.3	11.0	11.6	11.0
70°	13.4	13.3	12.6	11.7	11.3	11.8	11.0
67.5°	14.3	14.0	13.3	12.3	11.7	12.0	11.0
65°	15.2	14.8	14.0	12.9	12.0	12.3	11.0
62.5°	16.1	15.7	14.8	13.5	12.4	12.5	11.0
60°	17.1	16.5	15.5	14.0	12.8	12.8	11.0
57.5°	19.0	17.4	16.5	14.6	13.4	13.0	11.0
55°	21.2	18.2	17.6	15.2	14.1	13.3	11.0
52.5°	23.6	19.4	18.7	15.8	14.9	13.5	11.0
50°	26.1	22.2	20.0	16.3	15.6	13.7	11.0
47.5°	29.3	25.1	21.3	17.0	16.4	14.0	11.0
45°	34.8	28.1	22.8	18.1	17.3	14.2	11.0
42.5°	40.3	31.3	24.3	19.2	18.1	14.5	11.0
40°	46.2	34.7	26.4	20.9	19.1	14.7	11.0
37.5°	52.6	38.1	29.0	22.9	20.0	15.0	11.0
35°	59.0	42.7	31.7	25.0	21.0	15.2	11.0
32.5°	65.9	47.8	34.4	27.0	22.0	15.5	11.0
30°	73.9	52.9	37.1	29.2	23.0	15.7	11.0
27.5°	81.8	57.9	40.7	31.3	24.1	15.9	11.0
25°	89.5	62.8	44.4	33.5	25.1	16.2	11.0
22.5°	96.9	67.8	48.0	35.7	26.2	16.4	11.0
20°	104.1	73.2	51.6	37.8	27.3	16.6	11.0
17.5°	111.3	78.4	55.0	40.0	28.3	16.8	11.0
15°	118.3	83.4	58.4	42.2	29.4	17.0	11.0
12.5°	124.8	88.2	61.6	44.3	30.4	17.2	11.0
10°	130.9	92.7	64.8	46.3	31.4	17.4	11.0
7.5°	136.6	96.9	67.8	48.4	32.4	17.6	11.0
5°	141.8	100.9	70.6	50.3	33.3	17.7	11.0
2.5°	146.5	104.5	73.3	52.1	34.2	17.9	11.0
0°	150.8	107.9	75.9	53.9	35.0	18.0	11.0
-2.5°	157.2	112.8	79.4	56.3	36.5	18.7	11.0
-5°	163.2	117.4	82.8	58.5	37.9	19.4	11.0
-7.5°	168.5	121.7	85.9	60.7	39.3	20.0	11.0
-10°	173.2	125.5	88.8	62.7	40.5	20.7	11.0
-12.5°	177.4	128.9	91.5	64.6	41.7	21.3	11.0
-15°	180.8	132.0	94.0	66.3	42.8	21.8	11.0
-17.5°	183.6	134.5	96.2	67.9	43.9	22.4	11.0
-20°	186.2	136.6	98.2	69.3	44.8	22.9	11.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	188.7	138.2	99.8	70.6	45.6	23.4	11.0
-25°	190.5	140.2	101.2	71.7	46.3	23.9	11.0
-27.5°	191.6	142.0	102.3	72.7	47.0	24.3	11.0
-30°	192.0	143.4	103.3	73.5	47.5	24.7	11.0
-32.5°	191.6	144.3	105.0	74.1	47.9	25.0	11.0
-35°	191.7	144.7	106.5	74.6	48.3	25.3	11.0
-37.5°	191.6	145.2	107.6	74.8	48.5	25.6	11.0
-40°	191.0	146.3	108.5	74.9	48.6	25.8	11.0
-42.5°	190.0	147.0	109.3	75.1	48.6	26.0	11.0
-45°	188.3	147.4	109.8	75.5	48.5	26.1	11.0
-47.5°	186.0	147.4	110.1	75.7	48.3	26.2	11.0
-50°	185.2	147.0	109.9	75.8	48.0	26.2	11.0
-52.5°	184.2	146.3	109.4	75.7	47.5	26.2	11.0
-55°	182.7	145.0	108.5	75.3	47.0	26.2	11.0
-57.5°	180.7	143.2	107.3	74.7	46.4	26.1	11.0
-60°	178.2	141.0	105.8	74.0	45.6	26.0	11.0
-62.5°	174.8	138.5	104.3	73.0	45.0	25.8	11.0
-65°	171.0	135.5	102.5	71.8	44.3	25.6	11.0
-67.5°	166.7	132.3	100.4	70.4	43.5	25.3	11.0
-70°	161.9	128.7	98.1	68.9	42.5	25.0	11.0
-72.5°	156.2	124.7	95.5	67.4	41.5	24.7	11.0
-75°	149.9	120.3	92.6	65.8	40.4	24.3	11.0
-77.5°	143.2	115.5	89.9	64.0	39.1	23.9	11.0
-80°	136.0	111.2	87.1	62.1	37.8	23.5	11.0
-82.5°	130.4	107.1	84.1	60.0	36.5	23.0	11.0
-85°	124.8	102.7	80.9	57.8	35.0	22.5	11.0
-87.5°	119.0	98.2	77.5	55.4	33.5	22.0	11.0
-90°	9.0	9.0	9.0	9.0	9.0	10.0	11.0

(END OF REPORT)