

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: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

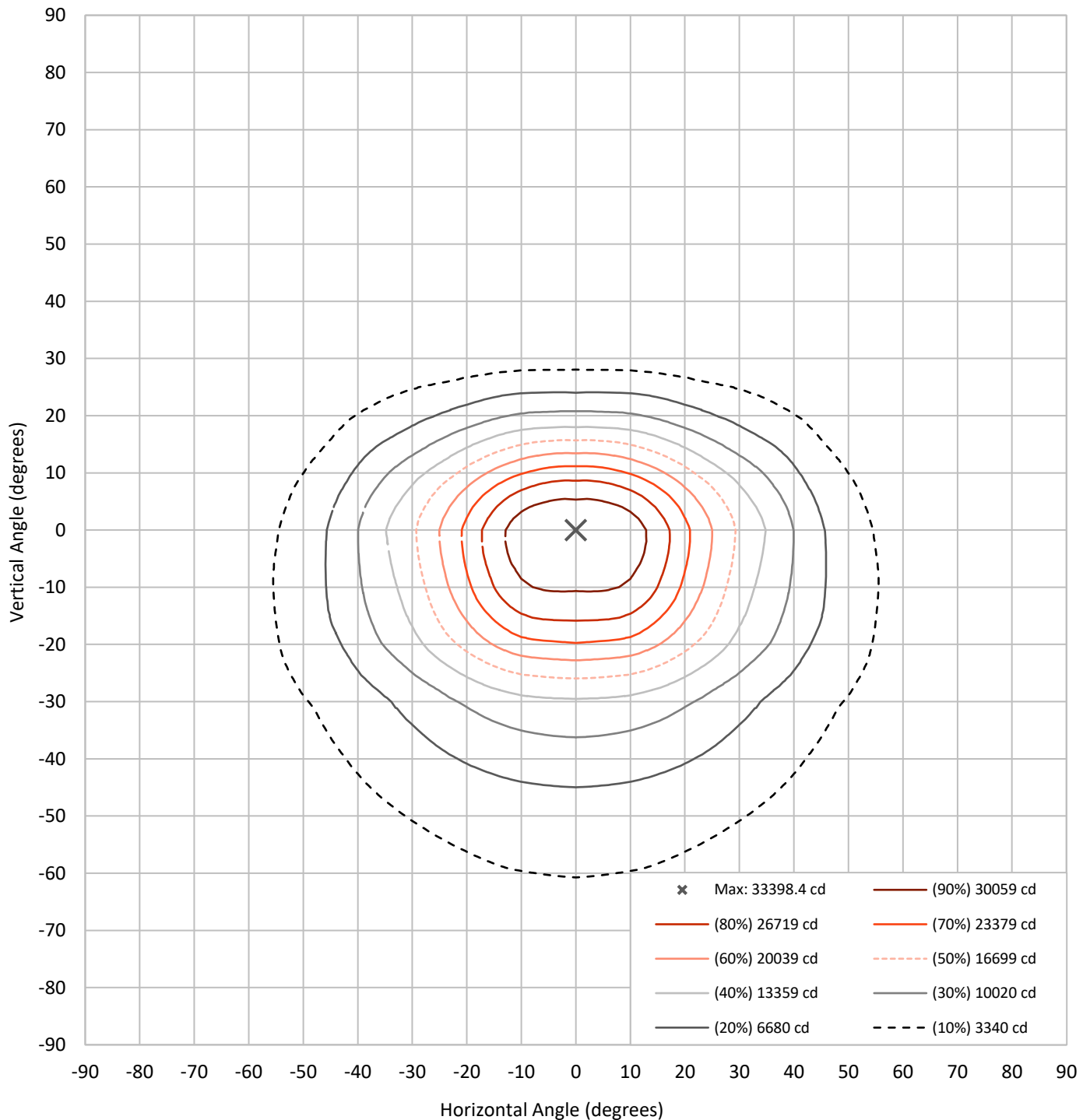
Test Method: LM-79-08
Report Number: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	29219.7 lumens	Max Intensity:	33398.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	14165.4 lumens	Field Lumens:	26538.4 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	334		
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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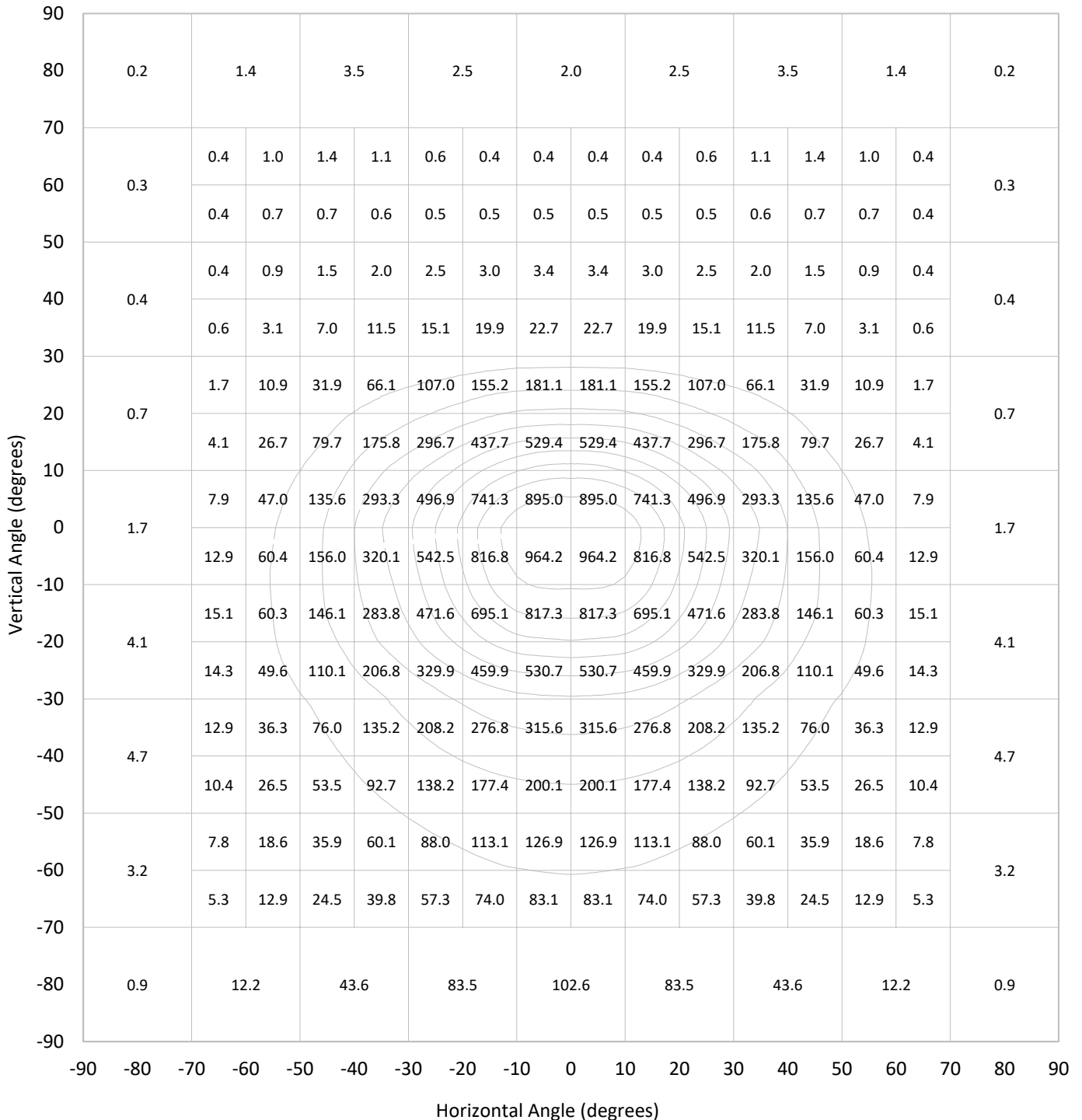
Iso-Candela Plot





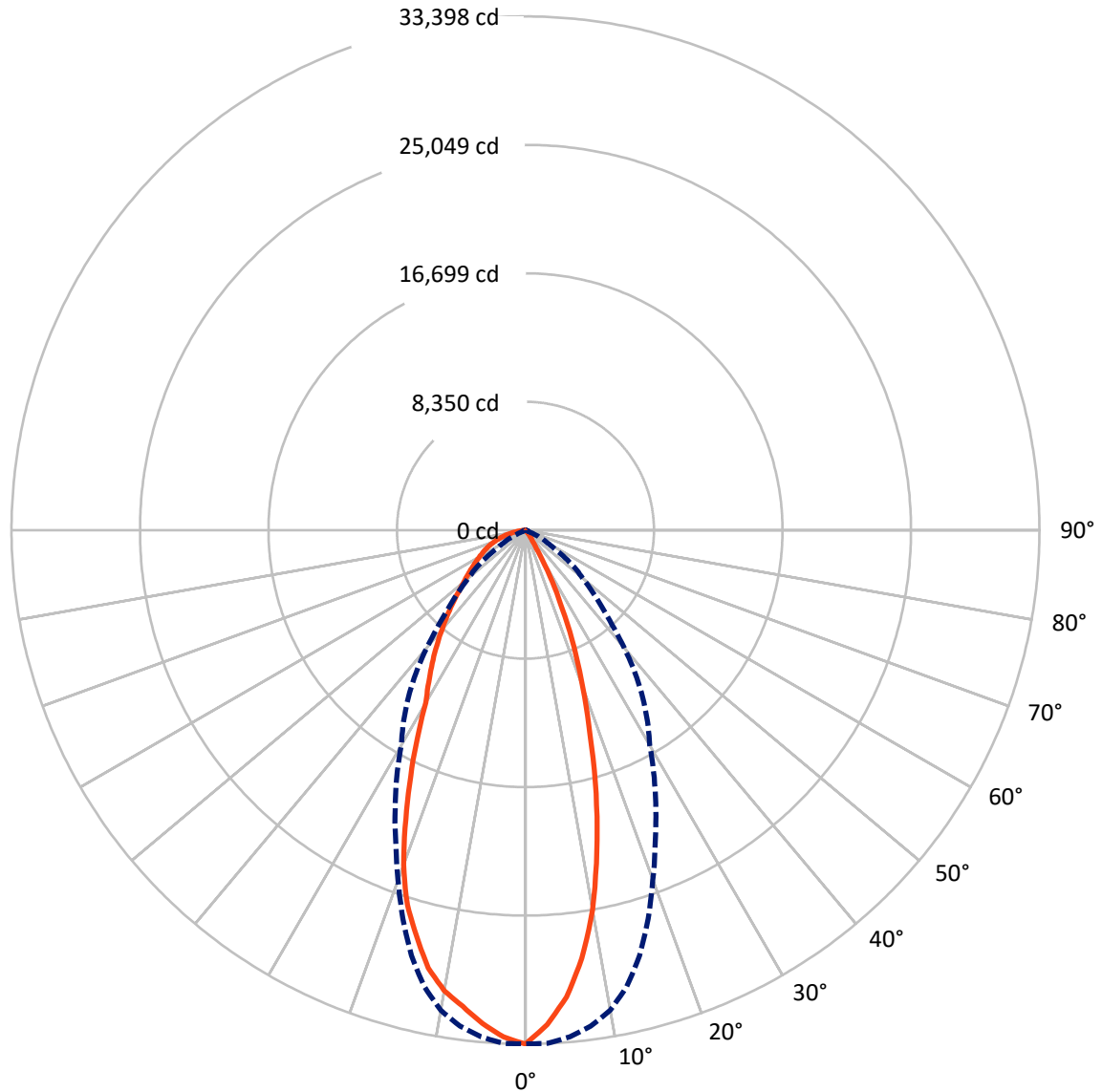
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Lumen Table



REPORT NUMBER: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)
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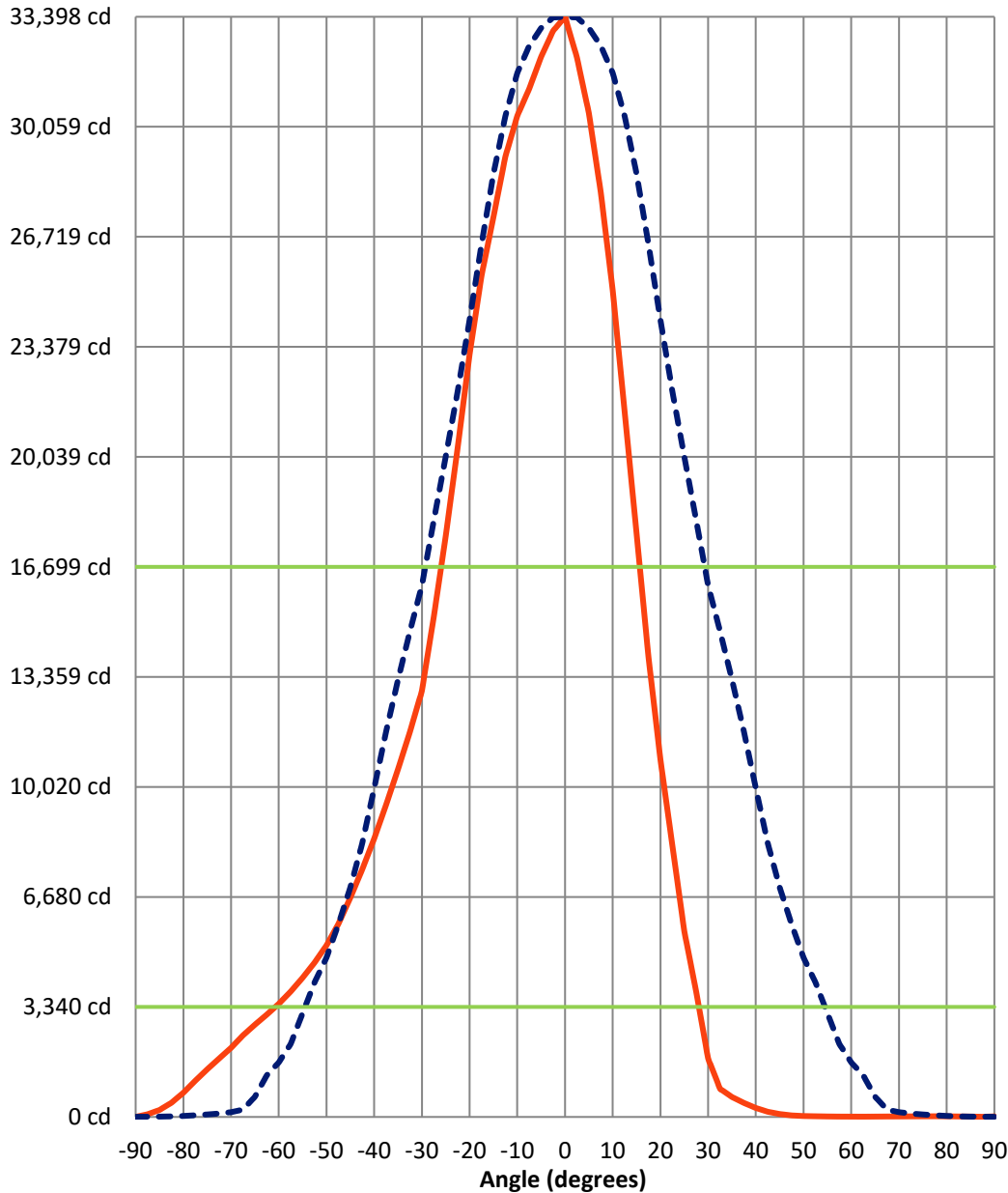
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 14165.4
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 26538.4
 Efficiency: 90.8%

Spill:
 Lumens: 2681.3
 Efficiency: 9.2%

— 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°	4.7	5.3	5.9	6.2	6.5	6.7	7.0	7.3	7.6	7.9	8.2
87.5°	4.7	4.9	5.1	5.4	5.8	6.3	6.8	7.0	7.1	7.2	7.2
85°	4.7	5.1	5.5	6.2	6.9	7.9	8.9	9.3	9.5	9.7	9.7
82.5°	4.7	5.2	5.9	6.9	8.0	9.4	11.0	11.6	12.0	12.8	14.3
80°	4.7	5.4	6.3	7.6	9.1	11.0	12.9	13.2	14.4	16.7	20.0
77.5°	4.7	5.6	6.7	8.3	10.2	12.0	13.1	14.3	16.8	20.5	24.3
75°	4.7	5.8	7.1	8.9	11.0	12.0	13.3	15.3	18.8	21.9	25.0
72.5°	4.7	5.9	7.5	9.6	11.0	12.1	13.5	16.1	19.3	22.5	25.7
70°	4.7	6.1	7.9	10.1	10.9	12.1	13.7	16.5	19.8	23.1	26.7
67.5°	4.7	6.3	8.2	10.0	10.8	12.0	14.1	16.9	20.2	24.0	27.7
65°	4.7	6.4	8.6	9.8	10.7	12.2	14.6	17.2	21.0	24.8	29.1
62.5°	4.7	6.6	8.9	9.7	10.5	12.6	15.0	17.7	21.7	25.8	31.2
60°	4.7	6.7	9.2	9.5	10.4	13.0	15.4	18.3	22.3	27.6	33.2
57.5°	4.7	6.9	9.2	9.3	10.7	13.4	16.1	18.9	23.5	29.2	34.2
55°	4.7	7.0	9.1	9.1	11.0	13.8	16.9	19.7	24.8	30.5	34.8
52.5°	4.7	7.1	9.1	8.9	11.3	14.2	17.6	21.0	25.9	31.1	35.4
50°	4.7	7.2	9.0	8.7	11.6	14.8	18.4	22.4	26.8	31.7	34.4
47.5°	4.7	7.4	9.0	8.6	11.9	15.5	19.2	23.8	27.4	32.3	33.4
45°	4.7	7.5	9.0	8.8	12.1	16.1	20.4	25.2	28.9	31.6	32.5
42.5°	4.7	7.6	9.0	9.0	12.4	16.8	21.6	26.7	30.6	31.0	31.5
40°	4.7	7.7	9.0	9.3	12.7	17.4	22.8	28.3	32.2	30.7	30.8
37.5°	4.7	7.8	9.1	9.8	13.2	18.0	23.9	30.0	33.6	32.5	30.5
35°	4.7	7.8	9.1	10.3	13.6	18.8	25.0	31.9	35.4	35.1	32.8
32.5°	4.7	7.9	9.2	10.9	14.0	19.6	26.2	33.8	37.6	38.4	42.1
30°	4.7	8.0	9.2	11.4	14.4	20.4	27.7	35.8	40.2	42.4	51.6
27.5°	4.7	8.1	9.3	11.9	15.6	21.2	29.3	37.8	43.3	47.1	61.4
25°	4.7	8.1	9.4	12.5	16.9	21.9	30.8	40.0	47.1	54.3	72.2
22.5°	4.7	8.1	9.5	13.1	18.2	23.3	32.3	42.3	51.1	62.6	107.1
20°	4.7	8.2	9.6	13.6	19.6	26.2	33.8	44.8	55.5	70.8	144.1
17.5°	4.7	8.2	9.8	14.2	21.1	29.3	37.7	47.4	60.1	78.9	182.4
15°	4.7	8.2	9.9	14.7	22.5	32.5	43.2	52.6	64.8	86.9	221.2
12.5°	4.7	8.2	10.0	15.3	23.9	35.7	48.9	61.2	74.7	94.6	259.9
10°	4.7	8.2	10.1	15.8	25.3	39.0	54.5	69.9	88.8	117.8	310.9
7.5°	4.7	8.2	10.3	16.3	26.7	42.3	60.1	78.7	103.1	144.1	390.2
5°	4.7	8.2	10.4	16.7	28.0	45.5	65.7	87.5	117.5	170.8	469.1
2.5°	4.7	8.2	10.5	17.2	29.3	48.6	71.0	96.1	131.7	197.2	545.0
0°	4.7	8.2	10.6	17.6	30.5	51.6	76.2	104.4	145.4	222.8	615.6
-2.5°	4.7	8.3	11.4	20.2	36.4	62.6	96.0	137.0	196.8	305.9	724.6
-5°	4.7	8.5	12.1	22.7	42.2	73.4	115.2	168.8	246.8	386.0	824.1
-7.5°	4.7	8.6	12.8	25.2	47.7	83.6	133.5	199.3	294.6	461.6	912.8
-10°	4.7	8.7	13.5	27.5	53.0	93.3	150.9	228.0	339.4	531.2	989.5
-12.5°	4.7	8.9	14.2	29.6	57.8	102.3	166.8	254.5	380.5	591.0	1018.5
-15°	4.7	9.0	14.8	31.6	62.2	110.4	181.2	278.5	416.5	627.6	1023.0
-17.5°	4.7	9.1	15.4	33.3	66.2	117.7	193.8	301.3	447.6	658.9	1021.4
-20°	4.7	9.1	15.9	34.8	69.6	123.9	206.2	322.6	474.5	684.6	1014.3



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 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.2	16.3	36.0	72.4	128.9	219.3	340.7	496.8	704.6	1002.5
-25°	4.7	9.2	16.7	37.0	74.5	135.6	230.2	355.6	514.4	718.7	986.6
-27.5°	4.7	9.3	17.1	37.7	76.0	141.9	238.7	366.9	527.0	730.3	996.6
-30°	4.7	9.3	17.3	38.0	77.0	146.7	244.6	374.5	537.4	742.5	1000.6
-32.5°	4.7	9.3	17.5	38.0	79.4	149.8	248.0	380.5	544.8	747.8	997.1
-35°	4.7	9.3	17.6	37.7	80.8	151.2	250.7	383.3	547.0	746.3	986.1
-37.5°	4.7	9.2	17.6	37.0	81.3	151.6	251.7	382.5	544.0	737.6	937.9
-40°	4.7	9.2	17.6	36.0	80.7	151.7	250.1	377.8	535.7	727.2	889.7
-42.5°	4.7	9.1	17.4	35.0	80.0	150.2	245.8	369.4	525.1	692.2	838.4
-45°	4.7	9.0	17.2	34.4	79.2	147.1	239.0	358.9	510.8	652.0	785.4
-47.5°	4.7	9.0	16.9	33.3	77.6	142.4	229.6	347.3	491.2	609.8	738.3
-50°	4.7	8.8	16.5	32.9	75.2	136.2	220.8	332.2	456.9	571.1	689.0
-52.5°	4.7	8.7	16.1	32.6	71.9	128.5	210.4	313.6	424.6	530.8	638.4
-55°	4.7	8.6	15.5	31.9	67.9	121.9	197.8	292.4	392.3	488.9	592.0
-57.5°	4.7	8.4	14.9	30.7	63.1	114.6	183.1	273.1	358.6	449.5	544.0
-60°	4.7	8.2	14.3	29.3	57.7	106.2	167.1	248.8	324.4	409.7	496.1
-62.5°	4.7	8.0	13.7	27.4	53.8	96.7	153.6	222.1	292.6	368.4	450.0
-65°	4.7	7.8	13.2	25.3	49.3	86.2	138.6	195.9	259.1	328.4	402.4
-67.5°	4.7	7.6	12.6	22.9	44.3	76.2	122.2	172.8	224.2	287.4	354.4
-70°	4.7	7.4	11.9	20.1	38.8	66.8	104.6	148.6	194.1	244.7	304.9
-72.5°	4.7	7.2	11.3	18.4	32.7	56.7	89.0	123.4	163.0	206.9	255.0
-75°	4.7	6.9	10.6	16.8	26.3	46.0	72.8	100.5	130.7	167.9	208.6
-77.5°	4.7	6.7	9.8	15.2	22.7	34.6	55.8	78.1	102.5	129.5	160.9
-80°	4.7	6.4	9.1	13.5	19.6	27.4	38.1	55.1	74.1	95.2	118.2
-82.5°	4.7	6.1	8.3	11.7	16.4	22.4	29.6	36.5	45.2	60.2	76.7
-85°	4.7	5.9	7.5	9.9	13.1	17.2	22.1	26.8	32.0	37.6	43.7
-87.5°	4.7	5.6	6.7	8.0	9.8	12.0	14.6	17.1	19.8	22.8	26.0
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6	11.2	11.8	12.3
87.5°	7.5	7.9	8.3	8.7	8.0	7.1	6.2	5.2	5.5	5.8	6.1
85°	10.4	11.1	12.1	12.9	12.3	11.9	11.5	11.3	11.9	12.4	12.8
82.5°	15.7	16.7	17.4	17.7	18.0	18.6	19.6	21.7	23.0	23.8	24.1
80°	21.5	22.3	23.0	24.7	27.4	30.8	34.6	38.8	39.9	39.7	38.9
77.5°	25.2	26.7	29.5	33.5	38.1	42.8	48.0	53.7	55.1	54.4	53.3
75°	27.4	30.7	35.3	40.9	46.9	53.2	59.9	66.1	67.6	65.7	63.3
72.5°	29.3	34.1	40.2	47.5	54.5	61.0	67.9	75.0	77.8	74.4	70.1
70°	30.9	37.0	44.4	52.4	60.3	67.2	73.9	81.6	86.5	80.3	70.8
67.5°	32.4	40.0	48.1	56.3	63.1	69.9	78.0	81.3	83.2	73.2	63.0
65°	34.6	42.7	50.0	56.9	63.9	67.3	70.0	72.5	71.5	60.2	49.3
62.5°	36.7	43.4	50.2	55.7	57.9	59.9	59.6	57.2	53.5	46.6	38.1
60°	37.5	43.2	48.1	50.4	51.2	49.4	46.6	44.4	41.3	35.4	29.8
57.5°	38.0	41.3	44.0	44.7	42.6	39.7	38.6	35.5	33.2	29.5	24.4
55°	37.7	38.2	39.5	37.9	36.2	35.1	33.4	32.4	29.2	25.7	21.9
52.5°	36.1	35.6	34.3	33.6	34.1	33.8	33.3	31.6	28.7	25.1	23.0
50°	34.7	32.6	30.7	33.3	35.7	37.6	34.6	32.8	32.7	31.0	27.6
47.5°	32.9	30.1	31.8	35.8	42.6	45.1	40.9	40.8	42.1	45.4	41.4
45°	31.3	32.3	34.9	45.0	53.3	57.1	57.7	53.1	64.4	68.1	67.0
42.5°	30.1	36.8	48.8	55.8	69.2	77.4	80.6	87.3	94.0	102.2	104.3
40°	34.5	42.6	69.7	81.7	90.0	104.0	120.9	132.0	134.2	146.5	152.1
37.5°	40.2	66.4	98.3	118.9	118.4	142.7	168.2	194.9	210.0	198.2	225.4
35°	46.7	94.3	139.4	169.5	177.1	192.2	237.1	288.2	337.6	308.7	322.8
32.5°	66.0	126.3	187.6	233.7	278.4	288.5	316.4	454.8	544.5	545.9	473.9
30°	97.6	171.4	245.0	307.9	411.4	458.9	503.3	675.3	826.0	923.0	943.5
27.5°	137.2	222.8	315.3	428.4	575.1	660.8	804.7	989.4	1226.4	1403.9	1526.6
25°	181.8	302.4	392.0	580.8	770.6	928.0	1129.9	1384.1	1716.5	2001.1	2266.6
22.5°	239.0	394.8	513.8	751.6	987.1	1216.8	1497.2	1862.6	2285.7	2655.6	3032.0
20°	311.0	499.8	672.6	962.3	1233.4	1509.8	1869.6	2377.7	2913.2	3436.2	3924.6
17.5°	389.0	610.3	850.4	1202.9	1569.8	1882.4	2259.1	2912.6	3574.1	4292.4	5003.6
15°	471.1	724.9	1026.7	1465.5	1930.9	2356.5	2854.8	3520.6	4307.2	5228.5	6146.0
12.5°	555.5	841.6	1199.7	1743.4	2307.6	2839.4	3473.8	4233.5	5136.5	6229.1	7341.7
10°	639.9	958.3	1367.5	2029.3	2692.6	3324.6	4077.2	4921.7	5954.3	7181.9	8440.6
7.5°	792.9	1111.7	1541.5	2315.4	3077.7	3805.0	4659.7	5580.6	6728.7	8093.5	9470.1
5°	956.3	1300.7	1778.9	2615.5	3441.5	4226.5	5183.4	6204.0	7453.8	8951.9	10444.7
2.5°	1115.0	1482.5	2005.4	2895.7	3775.8	4548.0	5535.6	6608.8	7932.4	9551.4	11185.0
0°	1264.1	1655.8	2218.7	3149.8	4083.2	4838.4	5848.0	6969.1	8310.6	9980.5	11699.6
-2.5°	1398.7	1814.2	2398.2	3305.2	4178.1	4910.2	5927.0	7051.3	8378.2	9982.1	11571.3
-5°	1517.2	1961.8	2560.8	3434.9	4249.0	4957.9	5964.6	7084.4	8385.7	9910.3	11394.1
-7.5°	1618.0	2097.8	2705.5	3528.2	4286.7	4996.1	5972.6	7072.7	8341.4	9779.8	11184.9
-10°	1685.3	2153.8	2714.5	3504.0	4276.4	5011.4	5945.2	7016.0	8237.6	9594.6	10925.6
-12.5°	1641.8	2133.1	2682.3	3450.0	4240.7	4991.6	5881.6	6916.7	8076.4	9365.2	10619.2
-15°	1592.5	2098.7	2629.7	3365.4	4179.8	4934.1	5783.5	6777.0	7799.7	8989.7	10227.0
-17.5°	1540.0	2050.0	2556.1	3249.2	4093.9	4837.1	5601.9	6408.5	7346.8	8514.0	9736.2
-20°	1486.6	1986.7	2461.0	3101.1	3976.0	4590.5	5216.5	5966.3	6856.0	7942.6	9166.1



REPORT NUMBER: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1434.4	1908.3	2360.7	2971.0	3661.9	4241.7	4807.4	5482.1	6290.1	7273.4	8345.6
-25°	1395.1	1827.0	2263.6	2758.2	3331.7	3887.5	4368.4	4966.5	5701.5	6542.6	7390.9
-27.5°	1364.7	1754.9	2126.1	2548.2	3021.4	3530.2	3957.4	4470.9	5163.0	5836.6	6491.3
-30°	1332.2	1659.5	1986.9	2354.6	2772.9	3194.8	3565.4	4066.6	4682.4	5263.6	5784.8
-32.5°	1269.6	1558.7	1864.9	2196.4	2547.1	2894.7	3282.6	3757.4	4272.0	4771.8	5189.9
-35°	1195.4	1464.1	1747.5	2040.0	2336.4	2672.4	3058.7	3465.9	3901.5	4353.3	4829.8
-37.5°	1133.2	1365.7	1626.6	1895.2	2168.8	2481.8	2827.4	3201.3	3587.4	3991.5	4457.9
-40°	1066.3	1263.6	1511.8	1760.5	2012.4	2294.1	2611.6	2943.4	3289.4	3672.1	4075.8
-42.5°	996.6	1184.5	1397.1	1623.3	1859.5	2111.9	2388.2	2696.5	3014.6	3350.7	3711.3
-45°	936.6	1101.3	1283.9	1494.6	1704.7	1927.9	2177.6	2446.2	2744.8	3044.0	3357.8
-47.5°	873.5	1018.6	1188.1	1363.9	1556.9	1754.7	1963.7	2216.9	2474.6	2749.0	3020.9
-50°	810.5	946.4	1088.6	1250.6	1416.2	1589.6	1772.9	1999.2	2235.7	2466.4	2704.7
-52.5°	754.1	871.2	1004.7	1142.3	1289.8	1440.2	1610.2	1807.1	2015.5	2220.9	2433.1
-55°	695.7	805.4	922.9	1046.8	1173.4	1307.2	1463.7	1639.1	1810.4	2001.6	2191.6
-57.5°	640.3	741.6	848.5	957.7	1071.5	1187.1	1337.7	1483.6	1642.7	1801.4	1966.2
-60°	586.3	680.0	778.0	877.1	975.7	1091.6	1219.5	1355.2	1490.7	1625.7	1779.8
-62.5°	531.5	621.2	710.5	800.4	891.9	999.4	1121.3	1240.9	1356.4	1484.9	1615.6
-65°	479.3	561.0	645.4	728.4	809.7	913.9	1023.8	1137.0	1249.2	1357.0	1468.1
-67.5°	425.0	499.6	577.3	657.3	735.5	825.8	923.9	1027.0	1131.7	1231.0	1332.8
-70°	368.1	435.3	505.4	578.0	653.8	734.3	818.2	908.4	1001.1	1088.9	1177.4
-72.5°	308.8	367.0	429.1	494.7	560.6	629.7	703.2	780.7	856.6	930.1	1006.6
-75°	251.1	296.7	348.6	403.9	460.1	518.4	579.8	643.0	703.9	763.6	825.2
-77.5°	194.4	230.5	269.9	312.2	354.3	399.6	447.6	498.0	545.4	591.9	639.1
-80°	140.2	162.9	191.6	223.0	254.7	287.0	320.2	354.0	384.3	416.1	450.4
-82.5°	92.3	108.6	125.7	143.6	161.6	180.2	200.4	224.3	244.3	264.0	283.9
-85°	48.7	53.8	64.2	75.0	85.6	96.5	107.8	119.5	129.9	139.8	149.2
-87.5°	28.7	31.4	34.1	37.0	39.3	41.6	43.9	46.2	49.4	52.6	55.8
-90°	4.7	4.7	4.7	4.7	4.4	4.1	3.8	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.9	13.5	14.1	14.6	15.2	15.5	15.8	16.1	16.4	16.7	17.0
87.5°	6.4	6.2	6.1	5.9	5.7	7.0	8.4	9.9	11.4	10.3	9.2
85°	13.0	13.0	12.9	12.8	12.6	14.5	16.5	18.5	20.4	18.7	16.8
82.5°	24.0	23.6	22.7	21.6	20.1	19.9	19.6	18.9	18.0	17.2	16.5
80°	37.8	36.0	33.8	31.1	27.9	26.2	24.6	22.8	20.8	20.2	19.8
77.5°	51.2	47.8	43.7	39.4	34.7	31.8	29.2	26.4	23.5	22.7	22.2
75°	60.4	56.1	50.2	43.9	37.3	32.9	29.6	26.3	23.2	22.0	21.3
72.5°	64.7	58.4	51.1	42.7	34.6	29.3	26.0	23.1	20.3	19.1	18.6
70°	61.5	52.5	44.2	36.2	28.6	23.6	21.2	19.2	17.5	16.7	16.2
67.5°	52.4	43.2	35.3	28.3	22.5	18.6	17.4	16.2	15.2	14.6	14.4
65°	40.6	33.5	27.4	22.4	18.5	15.9	14.8	13.9	12.9	12.3	12.1
62.5°	30.8	25.3	21.4	18.2	15.8	14.0	13.2	12.5	12.0	11.6	11.4
60°	24.7	20.1	17.6	15.9	14.4	13.1	12.9	12.8	12.6	12.4	11.9
57.5°	21.1	18.3	16.4	16.0	15.4	14.5	14.3	14.2	13.7	12.9	12.4
55°	20.2	19.5	18.7	19.0	19.0	18.3	17.2	16.5	15.8	15.1	15.2
52.5°	22.4	24.0	24.8	24.7	23.5	21.7	19.7	20.0	20.4	20.7	21.1
50°	30.0	31.8	31.8	29.2	29.0	28.0	25.6	26.7	28.3	28.6	28.8
47.5°	41.6	43.4	44.6	40.0	40.8	43.3	40.7	40.0	44.9	47.1	48.2
45°	60.6	68.0	70.2	71.6	69.6	76.0	76.1	73.1	82.7	88.0	89.8
42.5°	101.0	113.5	123.4	126.3	124.0	132.0	138.2	137.7	149.9	158.5	160.8
40°	169.0	180.8	195.0	200.3	202.6	209.9	225.5	235.6	247.8	261.2	268.0
37.5°	256.3	274.8	277.7	288.6	302.2	309.1	332.8	352.9	369.5	394.7	410.9
35°	384.2	433.1	380.4	405.4	440.0	443.9	465.4	512.1	523.8	567.9	592.2
32.5°	620.1	711.1	699.1	614.5	688.9	773.3	679.2	846.5	831.6	878.7	938.5
30°	978.6	1243.2	1272.6	1148.8	1355.3	1467.4	1449.4	1616.1	1722.9	1709.7	1917.0
27.5°	1745.8	1958.0	2054.4	2232.1	2343.7	2508.9	2799.9	2969.5	3274.4	3434.3	3626.3
25°	2576.1	2827.1	3136.7	3442.3	3674.5	4040.8	4449.2	4770.3	5201.9	5472.6	5669.9
22.5°	3473.7	3916.9	4348.0	4773.8	5242.5	5747.0	6228.8	6785.2	7310.4	7698.2	7991.4
20°	4457.7	5071.1	5680.9	6265.4	6850.1	7524.7	8121.3	8789.9	9435.1	9996.0	10382.3
17.5°	5674.2	6315.5	7094.2	7876.3	8633.8	9469.3	10350.4	11100.2	12004.9	12752.1	13314.2
15°	6999.1	7802.2	8652.1	9630.3	10653.4	11687.0	12755.8	13858.0	14888.0	15843.3	16558.9
12.5°	8367.1	9366.8	10402.4	11485.6	12671.8	13958.2	15301.2	16613.1	17886.6	18936.7	19918.5
10°	9681.3	10930.6	12132.3	13401.5	14767.5	16206.6	17779.3	19342.1	20822.2	22115.8	23172.3
7.5°	10832.8	12189.1	13575.5	15131.8	16753.2	18365.9	20069.8	21822.8	23507.5	24998.5	26233.6
5°	11915.2	13330.3	14734.8	16409.1	18198.2	20048.7	21977.9	23947.1	25765.8	27451.5	28819.4
2.5°	12759.2	14247.6	15691.8	17527.6	19415.5	21300.1	23267.2	25420.2	27449.0	29281.5	30623.6
0°	13274.5	14743.8	16139.3	18109.3	20051.2	22029.5	24198.9	26490.3	28626.9	30382.3	31689.8
-2.5°	13096.2	14529.8	16043.7	17978.9	20031.8	22010.5	24205.0	26517.4	28640.1	30424.0	31700.8
-5°	12851.5	14257.0	15789.2	17725.5	19729.1	21705.4	23869.1	26143.2	28227.9	29982.8	31192.0
-7.5°	12550.7	13907.2	15401.3	17279.2	19271.6	21250.3	23356.5	25508.1	27502.0	29246.4	30384.3
-10°	12195.0	13481.0	14959.1	16765.3	18742.5	20649.8	22651.2	24782.2	26783.2	28369.6	29590.9
-12.5°	11826.0	13078.9	14451.5	16160.4	18053.3	19826.5	21737.3	23789.5	25552.3	27174.7	28247.9
-15°	11403.5	12605.0	13892.1	15467.2	17182.8	18842.5	20502.2	22312.0	23920.5	25363.1	26503.6
-17.5°	10914.4	12052.8	13182.4	14598.7	16241.2	17723.7	19176.9	20752.8	22182.8	23507.2	24494.6
-20°	10238.9	11175.7	12261.1	13616.0	15038.9	16289.4	17615.3	18939.0	20212.1	21333.2	22169.3



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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°	9271.4	10182.9	11188.4	12296.6	13487.0	14635.6	15770.6	16853.7	17889.5	18822.4	19495.4
-25°	8241.4	9074.0	9981.6	10902.8	11853.4	12882.3	13877.8	14771.8	15623.5	16344.4	16898.7
-27.5°	7218.1	8005.5	8799.1	9542.4	10302.8	11162.2	12033.4	12781.9	13503.3	14068.0	14500.2
-30°	6304.1	7145.8	7844.6	8350.4	9087.2	9841.2	10406.0	11087.1	11655.4	12015.7	12480.1
-32.5°	5800.4	6435.3	7068.8	7588.9	8174.3	8835.9	9370.8	9927.1	10406.8	10794.1	11086.1
-35°	5341.0	5898.8	6434.1	6969.1	7491.9	8023.3	8516.3	8986.0	9411.4	9753.9	10024.5
-37.5°	4928.2	5411.1	5895.6	6357.1	6826.7	7270.9	7694.2	8099.3	8456.9	8765.6	9020.6
-40°	4511.5	4942.8	5369.0	5786.4	6197.0	6559.5	6923.5	7258.2	7560.1	7833.2	8056.2
-42.5°	4093.1	4477.9	4851.2	5229.8	5594.3	5908.9	6209.3	6486.0	6744.9	6977.7	7170.1
-45°	3681.6	4021.6	4350.5	4686.6	4993.9	5280.7	5542.6	5775.6	5998.0	6194.2	6355.9
-47.5°	3310.9	3587.6	3881.1	4168.1	4434.9	4693.2	4922.2	5127.3	5322.4	5488.5	5620.5
-50°	2966.3	3219.0	3466.4	3698.8	3948.1	4174.6	4368.5	4557.4	4734.9	4883.1	4994.4
-52.5°	2642.2	2875.4	3097.9	3314.8	3531.1	3732.6	3918.5	4091.3	4246.4	4382.3	4478.7
-55°	2385.8	2576.3	2756.5	2965.2	3163.7	3342.9	3509.4	3677.2	3826.6	3958.5	4039.1
-57.5°	2142.9	2314.9	2486.5	2666.9	2841.4	3009.7	3167.8	3314.8	3452.5	3576.0	3645.4
-60°	1926.2	2065.0	2228.2	2394.6	2552.9	2703.0	2851.5	2989.4	3117.3	3224.8	3286.2
-62.5°	1744.7	1876.5	2014.6	2153.6	2290.6	2430.4	2565.1	2693.1	2814.6	2912.5	2972.1
-65°	1584.6	1704.0	1824.7	1947.8	2072.6	2195.7	2310.4	2422.9	2532.7	2616.6	2670.3
-67.5°	1434.0	1536.7	1638.1	1742.8	1850.4	1956.6	2057.7	2157.4	2255.1	2322.8	2364.9
-70°	1268.8	1359.5	1446.9	1535.1	1622.9	1709.1	1792.7	1876.1	1958.5	2012.9	2048.8
-72.5°	1085.8	1161.6	1232.4	1302.9	1374.7	1445.6	1514.3	1581.2	1645.7	1687.8	1718.9
-75°	888.2	946.0	1001.0	1056.5	1112.2	1169.8	1226.6	1281.0	1332.9	1364.4	1388.5
-77.5°	686.9	727.8	766.6	805.7	844.8	889.4	934.7	978.6	1020.8	1043.1	1059.7
-80°	485.1	513.7	540.2	565.6	589.7	618.2	646.8	674.6	701.3	714.0	723.4
-82.5°	303.9	320.7	336.4	351.4	365.4	380.7	395.2	408.6	421.1	427.2	431.8
-85°	158.1	165.4	172.1	178.4	184.1	191.2	197.8	204.0	209.7	211.6	212.8
-87.5°	59.0	61.2	63.3	65.4	67.3	69.9	72.5	75.1	77.5	78.2	78.7
-90°	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	17.3	17.6	17.6	17.6	17.6	17.6	17.3	17.0	16.7	16.4	16.1
87.5°	8.1	7.0	6.4	5.9	6.4	7.0	8.1	9.2	10.3	11.4	9.9
85°	14.9	12.9	12.3	11.7	12.3	12.9	14.9	16.8	18.7	20.4	18.5
82.5°	15.8	15.2	15.2	15.2	15.2	15.2	15.8	16.5	17.2	18.0	18.9
80°	19.3	18.8	18.8	18.8	18.8	18.8	19.3	19.8	20.2	20.8	22.8
77.5°	21.6	21.1	21.1	21.1	21.1	21.1	21.6	22.2	22.7	23.5	26.4
75°	20.6	20.0	19.9	19.9	19.9	20.0	20.6	21.3	22.0	23.2	26.3
72.5°	18.1	17.7	17.6	17.6	17.6	17.7	18.1	18.6	19.1	20.3	23.1
70°	15.7	15.3	15.2	15.2	15.2	15.3	15.7	16.2	16.7	17.5	19.2
67.5°	14.2	14.1	14.1	14.1	14.1	14.1	14.2	14.4	14.6	15.2	16.2
65°	11.9	11.8	11.7	11.7	11.7	11.8	11.9	12.1	12.3	12.9	13.9
62.5°	11.1	10.7	10.1	9.4	10.1	10.7	11.1	11.4	11.6	12.0	12.5
60°	11.4	10.8	10.6	10.6	10.6	10.8	11.4	11.9	12.4	12.6	12.8
57.5°	12.1	11.8	11.7	11.7	11.7	11.8	12.1	12.4	12.9	13.7	14.2
55°	15.2	15.1	15.1	15.2	15.1	15.1	15.2	15.2	15.1	15.8	16.5
52.5°	21.2	21.0	21.0	21.1	21.0	21.0	21.2	21.1	20.7	20.4	20.0
50°	29.1	29.1	28.7	28.1	28.7	29.1	29.1	28.8	28.6	28.3	26.7
47.5°	48.9	48.2	47.3	46.9	47.3	48.2	48.9	48.2	47.1	44.9	40.0
45°	91.9	91.2	89.9	89.1	89.9	91.2	91.9	89.8	88.0	82.7	73.1
42.5°	164.5	163.2	160.1	158.3	160.1	163.2	164.5	160.8	158.5	149.9	137.7
40°	275.7	277.2	274.8	273.2	274.8	277.2	275.7	268.0	261.2	247.8	235.6
37.5°	423.8	430.0	429.2	426.8	429.2	430.0	423.8	410.9	394.7	369.5	352.9
35°	603.5	610.3	606.8	606.3	606.8	610.3	603.5	592.2	567.9	523.8	512.1
32.5°	893.5	883.4	845.6	856.0	845.6	883.4	893.5	938.5	878.7	831.6	846.5
30°	1931.0	1968.1	1862.2	1777.7	1862.2	1968.1	1931.0	1917.0	1709.7	1722.9	1616.1
27.5°	3645.3	3725.3	3710.4	3797.1	3710.4	3725.3	3645.3	3626.3	3434.3	3274.4	2969.5
25°	5747.4	5800.4	5803.8	5647.5	5803.8	5800.4	5747.4	5669.9	5472.6	5201.9	4770.3
22.5°	8100.0	8151.3	8244.7	8244.9	8244.7	8151.3	8100.0	7991.4	7698.2	7310.4	6785.2
20°	10650.9	10660.2	10838.8	10851.8	10838.8	10660.2	10650.9	10382.3	9996.0	9435.1	8789.9
17.5°	13709.8	13858.6	14100.0	13959.3	14100.0	13858.6	13709.8	13314.2	12752.1	12004.9	11100.2
15°	17236.1	17568.5	17826.6	17710.6	17826.6	17568.5	17236.1	16558.9	15843.3	14888.0	13858.0
12.5°	20699.2	21223.1	21472.5	21411.5	21472.5	21223.1	20699.2	19918.5	18936.7	17886.6	16613.1
10°	23995.5	24732.9	24997.8	25091.3	24997.8	24732.9	23995.5	23172.3	22115.8	20822.2	19342.1
7.5°	27155.6	27831.3	28232.9	28065.2	28232.9	27831.3	27155.6	26233.6	24998.5	23507.5	21822.8
5°	29691.8	30262.5	30587.0	30471.5	30587.0	30262.5	29691.8	28819.4	27451.5	25765.8	23947.1
2.5°	31488.0	32021.0	32302.2	32160.7	32302.2	32021.0	31488.0	30623.6	29281.5	27449.0	25420.2
0°	32514.2	33057.2	33375.5	33398.4	33375.5	33057.2	32514.2	31689.8	30382.3	28626.9	26490.3
-2.5°	32474.1	32857.7	33081.4	32967.5	33081.4	32857.7	32474.1	31700.8	30424.0	28640.1	26517.4
-5°	31794.3	32118.2	32234.4	32184.7	32234.4	32118.2	31794.3	31192.0	29982.8	28227.9	26143.2
-7.5°	30955.5	31194.4	31274.3	31214.9	31274.3	31194.4	30955.5	30384.3	29246.4	27502.0	25508.1
-10°	30144.2	30382.8	30423.3	30389.4	30423.3	30382.8	30144.2	29590.9	28369.6	26783.2	24782.2
-12.5°	28962.7	29221.4	29229.8	29151.1	29229.8	29221.4	28962.7	28247.9	27174.7	25552.3	23789.5
-15°	27120.2	27331.7	27365.8	27321.7	27365.8	27331.7	27120.2	26503.6	25363.1	23920.5	22312.0
-17.5°	25072.1	25212.2	25364.0	25533.4	25364.0	25212.2	25072.1	24494.6	23507.2	22182.8	20752.8
-20°	22613.2	22780.7	22959.8	23149.4	22959.8	22780.7	22613.2	22169.3	21333.2	20212.1	18939.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19849.6	20037.8	20221.5	20317.4	20221.5	20037.8	19849.6	19495.4	18822.4	17889.5	16853.7
-25°	17176.3	17405.5	17550.5	17637.9	17550.5	17405.5	17176.3	16898.7	16344.4	15623.5	14771.8
-27.5°	14725.6	14997.4	15131.2	15188.2	15131.2	14997.4	14725.6	14500.2	14068.0	13503.3	12781.9
-30°	12661.5	12828.4	12851.5	12937.9	12851.5	12828.4	12661.5	12480.1	12015.7	11655.4	11087.1
-32.5°	11300.7	11486.1	11598.7	11693.7	11598.7	11486.1	11300.7	11086.1	10794.1	10406.8	9927.1
-35°	10234.5	10402.5	10513.0	10558.6	10513.0	10402.5	10234.5	10024.5	9753.9	9411.4	8986.0
-37.5°	9212.6	9339.5	9416.8	9478.6	9416.8	9339.5	9212.6	9020.6	8765.6	8456.9	8099.3
-40°	8227.3	8353.2	8429.7	8450.2	8429.7	8353.2	8227.3	8056.2	7833.2	7560.1	7258.2
-42.5°	7307.8	7404.7	7471.2	7516.7	7471.2	7404.7	7307.8	7170.1	6977.7	6744.9	6486.0
-45°	6475.1	6560.5	6619.7	6656.0	6619.7	6560.5	6475.1	6355.9	6194.2	5998.0	5775.6
-47.5°	5717.6	5786.4	5833.5	5860.9	5833.5	5786.4	5717.6	5620.5	5488.5	5322.4	5127.3
-50°	5077.5	5138.9	5182.4	5208.9	5182.4	5138.9	5077.5	4994.4	4883.1	4734.9	4557.4
-52.5°	4554.0	4613.7	4657.6	4685.9	4657.6	4613.7	4554.0	4478.7	4382.3	4246.4	4091.3
-55°	4106.0	4160.9	4200.6	4226.3	4200.6	4160.9	4106.0	4039.1	3958.5	3826.6	3677.2
-57.5°	3704.3	3752.8	3786.4	3807.6	3786.4	3752.8	3704.3	3645.4	3576.0	3452.5	3314.8
-60°	3338.5	3382.1	3413.1	3434.7	3413.1	3382.1	3338.5	3286.2	3224.8	3117.3	2989.4
-62.5°	3024.9	3070.7	3095.3	3108.7	3095.3	3070.7	3024.9	2972.1	2912.5	2814.6	2693.1
-65°	2719.6	2763.9	2787.8	2801.5	2787.8	2763.9	2719.6	2670.3	2616.6	2532.7	2422.9
-67.5°	2402.0	2433.9	2458.2	2476.6	2458.2	2433.9	2402.0	2364.9	2322.8	2255.1	2157.4
-70°	2079.8	2105.6	2106.4	2099.1	2106.4	2105.6	2079.8	2048.8	2012.9	1958.5	1876.1
-72.5°	1745.8	1768.4	1774.4	1774.2	1774.4	1768.4	1745.8	1718.9	1687.8	1645.7	1581.2
-75°	1409.4	1426.7	1438.4	1445.9	1438.4	1426.7	1409.4	1388.5	1364.4	1332.9	1281.0
-77.5°	1073.3	1083.7	1093.5	1100.0	1093.5	1083.7	1073.3	1059.7	1043.1	1020.8	978.6
-80°	730.5	735.3	736.5	735.3	736.5	735.3	730.5	723.4	714.0	701.3	674.6
-82.5°	435.1	437.1	435.0	431.5	435.0	437.1	435.1	431.8	427.2	421.1	408.6
-85°	213.5	213.6	213.2	212.3	213.2	213.6	213.5	212.8	211.6	209.7	204.0
-87.5°	79.2	79.5	80.8	82.1	80.8	79.5	79.2	78.7	78.2	77.5	75.1
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.8	15.5	15.2	14.6	14.1	13.5	12.9	12.3	11.8	11.2	10.6
87.5°	8.4	7.0	5.7	5.9	6.1	6.2	6.4	6.1	5.8	5.5	5.2
85°	16.5	14.5	12.6	12.8	12.9	13.0	13.0	12.8	12.4	11.9	11.3
82.5°	19.6	19.9	20.1	21.6	22.7	23.6	24.0	24.1	23.8	23.0	21.7
80°	24.6	26.2	27.9	31.1	33.8	36.0	37.8	38.9	39.7	39.9	38.8
77.5°	29.2	31.8	34.7	39.4	43.7	47.8	51.2	53.3	54.4	55.1	53.7
75°	29.6	32.9	37.3	43.9	50.2	56.1	60.4	63.3	65.7	67.6	66.1
72.5°	26.0	29.3	34.6	42.7	51.1	58.4	64.7	70.1	74.4	77.8	75.0
70°	21.2	23.6	28.6	36.2	44.2	52.5	61.5	70.8	80.3	86.5	81.6
67.5°	17.4	18.6	22.5	28.3	35.3	43.2	52.4	63.0	73.2	83.2	81.3
65°	14.8	15.9	18.5	22.4	27.4	33.5	40.6	49.3	60.2	71.5	72.5
62.5°	13.2	14.0	15.8	18.2	21.4	25.3	30.8	38.1	46.6	53.5	57.2
60°	12.9	13.1	14.4	15.9	17.6	20.1	24.7	29.8	35.4	41.3	44.4
57.5°	14.3	14.5	15.4	16.0	16.4	18.3	21.1	24.4	29.5	33.2	35.5
55°	17.2	18.3	19.0	19.0	18.7	19.5	20.2	21.9	25.7	29.2	32.4
52.5°	19.7	21.7	23.5	24.7	24.8	24.0	22.4	23.0	25.1	28.7	31.6
50°	25.6	28.0	29.0	29.2	31.8	31.8	30.0	27.6	31.0	32.7	32.8
47.5°	40.7	43.3	40.8	40.0	44.6	43.4	41.6	41.4	45.4	42.1	40.8
45°	76.1	76.0	69.6	71.6	70.2	68.0	60.6	67.0	68.1	64.4	53.1
42.5°	138.2	132.0	124.0	126.3	123.4	113.5	101.0	104.3	102.2	94.0	87.3
40°	225.5	209.9	202.6	200.3	195.0	180.8	169.0	152.1	146.5	134.2	132.0
37.5°	332.8	309.1	302.2	288.6	277.7	274.8	256.3	225.4	198.2	210.0	194.9
35°	465.4	443.9	440.0	405.4	380.4	433.1	384.2	322.8	308.7	337.6	288.2
32.5°	679.2	773.3	688.9	614.5	699.1	711.1	620.1	473.9	545.9	544.5	454.8
30°	1449.4	1467.4	1355.3	1148.8	1272.6	1243.2	978.6	943.5	923.0	826.0	675.3
27.5°	2799.9	2508.9	2343.7	2232.1	2054.4	1958.0	1745.8	1526.6	1403.9	1226.4	989.4
25°	4449.2	4040.8	3674.5	3442.3	3136.7	2827.1	2576.1	2266.6	2001.1	1716.5	1384.1
22.5°	6228.8	5747.0	5242.5	4773.8	4348.0	3916.9	3473.7	3032.0	2655.6	2285.7	1862.6
20°	8121.3	7524.7	6850.1	6265.4	5680.9	5071.1	4457.7	3924.6	3436.2	2913.2	2377.7
17.5°	10350.4	9469.3	8633.8	7876.3	7094.2	6315.5	5674.2	5003.6	4292.4	3574.1	2912.6
15°	12755.8	11687.0	10653.4	9630.3	8652.1	7802.2	6999.1	6146.0	5228.5	4307.2	3520.6
12.5°	15301.2	13958.2	12671.8	11485.6	10402.4	9366.8	8367.1	7341.7	6229.1	5136.5	4233.5
10°	17779.3	16206.6	14767.5	13401.5	12132.3	10930.6	9681.3	8440.6	7181.9	5954.3	4921.7
7.5°	20069.8	18365.9	16753.2	15131.8	13575.5	12189.1	10832.8	9470.1	8093.5	6728.7	5580.6
5°	21977.9	20048.7	18198.2	16409.1	14734.8	13330.3	11915.2	10444.7	8951.9	7453.8	6204.0
2.5°	23267.2	21300.1	19415.5	17527.6	15691.8	14247.6	12759.2	11185.0	9551.4	7932.4	6608.8
0°	24198.9	22029.5	20051.2	18109.3	16139.3	14743.8	13274.5	11699.6	9980.5	8310.6	6969.1
-2.5°	24205.0	22010.5	20031.8	17978.9	16043.7	14529.8	13096.2	11571.3	9982.1	8378.2	7051.3
-5°	23869.1	21705.4	19729.1	17725.5	15789.2	14257.0	12851.5	11394.1	9910.3	8385.7	7084.4
-7.5°	23356.5	21250.3	19271.6	17279.2	15401.3	13907.2	12550.7	11184.9	9779.8	8341.4	7072.7
-10°	22651.2	20649.8	18742.5	16765.3	14959.1	13481.0	12195.0	10925.6	9594.6	8237.6	7016.0
-12.5°	21737.3	19826.5	18053.3	16160.4	14451.5	13078.9	11826.0	10619.2	9365.2	8076.4	6916.7
-15°	20502.2	18842.5	17182.8	15467.2	13892.1	12605.0	11403.5	10227.0	8989.7	7799.7	6777.0
-17.5°	19176.9	17723.7	16241.2	14598.7	13182.4	12052.8	10914.4	9736.2	8514.0	7346.8	6408.5
-20°	17615.3	16289.4	15038.9	13616.0	12261.1	11175.7	10238.9	9166.1	7942.6	6856.0	5966.3



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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°	15770.6	14635.6	13487.0	12296.6	11188.4	10182.9	9271.4	8345.6	7273.4	6290.1	5482.1
-25°	13877.8	12882.3	11853.4	10902.8	9981.6	9074.0	8241.4	7390.9	6542.6	5701.5	4966.5
-27.5°	12033.4	11162.2	10302.8	9542.4	8799.1	8005.5	7218.1	6491.3	5836.6	5163.0	4470.9
-30°	10406.0	9841.2	9087.2	8350.4	7844.6	7145.8	6304.1	5784.8	5263.6	4682.4	4066.6
-32.5°	9370.8	8835.9	8174.3	7588.9	7068.8	6435.3	5800.4	5189.9	4771.8	4272.0	3757.4
-35°	8516.3	8023.3	7491.9	6969.1	6434.1	5898.8	5341.0	4829.8	4353.3	3901.5	3465.9
-37.5°	7694.2	7270.9	6826.7	6357.1	5895.6	5411.1	4928.2	4457.9	3991.5	3587.4	3201.3
-40°	6923.5	6559.5	6197.0	5786.4	5369.0	4942.8	4511.5	4075.8	3672.1	3289.4	2943.4
-42.5°	6209.3	5908.9	5594.3	5229.8	4851.2	4477.9	4093.1	3711.3	3350.7	3014.6	2696.5
-45°	5542.6	5280.7	4993.9	4686.6	4350.5	4021.6	3681.6	3357.8	3044.0	2744.8	2446.2
-47.5°	4922.2	4693.2	4434.9	4168.1	3881.1	3587.6	3310.9	3020.9	2749.0	2474.6	2216.9
-50°	4368.5	4174.6	3948.1	3698.8	3466.4	3219.0	2966.3	2704.7	2466.4	2235.7	1999.2
-52.5°	3918.5	3732.6	3531.1	3314.8	3097.9	2875.4	2642.2	2433.1	2220.9	2015.5	1807.1
-55°	3509.4	3342.9	3163.7	2965.2	2756.5	2576.3	2385.8	2191.6	2001.6	1810.4	1639.1
-57.5°	3167.8	3009.7	2841.4	2666.9	2486.5	2314.9	2142.9	1966.2	1801.4	1642.7	1483.6
-60°	2851.5	2703.0	2552.9	2394.6	2228.2	2065.0	1926.2	1779.8	1625.7	1490.7	1355.2
-62.5°	2565.1	2430.4	2290.6	2153.6	2014.6	1876.5	1744.7	1615.6	1484.9	1356.4	1240.9
-65°	2310.4	2195.7	2072.6	1947.8	1824.7	1704.0	1584.6	1468.1	1357.0	1249.2	1137.0
-67.5°	2057.7	1956.6	1850.4	1742.8	1638.1	1536.7	1434.0	1332.8	1231.0	1131.7	1027.0
-70°	1792.7	1709.1	1622.9	1535.1	1446.9	1359.5	1268.8	1177.4	1088.9	1001.1	908.4
-72.5°	1514.3	1445.6	1374.7	1302.9	1232.4	1161.6	1085.8	1006.6	930.1	856.6	780.7
-75°	1226.6	1169.8	1112.2	1056.5	1001.0	946.0	888.2	825.2	763.6	703.9	643.0
-77.5°	934.7	889.4	844.8	805.7	766.6	727.8	686.9	639.1	591.9	545.4	498.0
-80°	646.8	618.2	589.7	565.6	540.2	513.7	485.1	450.4	416.1	384.3	354.0
-82.5°	395.2	380.7	365.4	351.4	336.4	320.7	303.9	283.9	264.0	244.3	224.3
-85°	197.8	191.2	184.1	178.4	172.1	165.4	158.1	149.2	139.8	129.9	119.5
-87.5°	72.5	69.9	67.3	65.4	63.3	61.2	59.0	55.8	52.6	49.4	46.2
-90°	2.9	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



REPORT NUMBER: P1306010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3
87.5°	6.2	7.1	8.0	8.7	8.3	7.9	7.5	7.2	7.2	7.1	7.0
85°	11.5	11.9	12.3	12.9	12.1	11.1	10.4	9.7	9.7	9.5	9.3
82.5°	19.6	18.6	18.0	17.7	17.4	16.7	15.7	14.3	12.8	12.0	11.6
80°	34.6	30.8	27.4	24.7	23.0	22.3	21.5	20.0	16.7	14.4	13.2
77.5°	48.0	42.8	38.1	33.5	29.5	26.7	25.2	24.3	20.5	16.8	14.3
75°	59.9	53.2	46.9	40.9	35.3	30.7	27.4	25.0	21.9	18.8	15.3
72.5°	67.9	61.0	54.5	47.5	40.2	34.1	29.3	25.7	22.5	19.3	16.1
70°	73.9	67.2	60.3	52.4	44.4	37.0	30.9	26.7	23.1	19.8	16.5
67.5°	78.0	69.9	63.1	56.3	48.1	40.0	32.4	27.7	24.0	20.2	16.9
65°	70.0	67.3	63.9	56.9	50.0	42.7	34.6	29.1	24.8	21.0	17.2
62.5°	59.6	59.9	57.9	55.7	50.2	43.4	36.7	31.2	25.8	21.7	17.7
60°	46.6	49.4	51.2	50.4	48.1	43.2	37.5	33.2	27.6	22.3	18.3
57.5°	38.6	39.7	42.6	44.7	44.0	41.3	38.0	34.2	29.2	23.5	18.9
55°	33.4	35.1	36.2	37.9	39.5	38.2	37.7	34.8	30.5	24.8	19.7
52.5°	33.3	33.8	34.1	33.6	34.3	35.6	36.1	35.4	31.1	25.9	21.0
50°	34.6	37.6	35.7	33.3	30.7	32.6	34.7	34.4	31.7	26.8	22.4
47.5°	40.9	45.1	42.6	35.8	31.8	30.1	32.9	33.4	32.3	27.4	23.8
45°	57.7	57.1	53.3	45.0	34.9	32.3	31.3	32.5	31.6	28.9	25.2
42.5°	80.6	77.4	69.2	55.8	48.8	36.8	30.1	31.5	31.0	30.6	26.7
40°	120.9	104.0	90.0	81.7	69.7	42.6	34.5	30.8	30.7	32.2	28.3
37.5°	168.2	142.7	118.4	118.9	98.3	66.4	40.2	30.5	32.5	33.6	30.0
35°	237.1	192.2	177.1	169.5	139.4	94.3	46.7	32.8	35.1	35.4	31.9
32.5°	316.4	288.5	278.4	233.7	187.6	126.3	66.0	42.1	38.4	37.6	33.8
30°	503.3	458.9	411.4	307.9	245.0	171.4	97.6	51.6	42.4	40.2	35.8
27.5°	804.7	660.8	575.1	428.4	315.3	222.8	137.2	61.4	47.1	43.3	37.8
25°	1129.9	928.0	770.6	580.8	392.0	302.4	181.8	72.2	54.3	47.1	40.0
22.5°	1497.2	1216.8	987.1	751.6	513.8	394.8	239.0	107.1	62.6	51.1	42.3
20°	1869.6	1509.8	1233.4	962.3	672.6	499.8	311.0	144.1	70.8	55.5	44.8
17.5°	2259.1	1882.4	1569.8	1202.9	850.4	610.3	389.0	182.4	78.9	60.1	47.4
15°	2854.8	2356.5	1930.9	1465.5	1026.7	724.9	471.1	221.2	86.9	64.8	52.6
12.5°	3473.8	2839.4	2307.6	1743.4	1199.7	841.6	555.5	259.9	94.6	74.7	61.2
10°	4077.2	3324.6	2692.6	2029.3	1367.5	958.3	639.9	310.9	117.8	88.8	69.9
7.5°	4659.7	3805.0	3077.7	2315.4	1541.5	1111.7	792.9	390.2	144.1	103.1	78.7
5°	5183.4	4226.5	3441.5	2615.5	1778.9	1300.7	956.3	469.1	170.8	117.5	87.5
2.5°	5535.6	4548.0	3775.8	2895.7	2005.4	1482.5	1115.0	545.0	197.2	131.7	96.1
0°	5848.0	4838.4	4083.2	3149.8	2218.7	1655.8	1264.1	615.6	222.8	145.4	104.4
-2.5°	5927.0	4910.2	4178.1	3305.2	2398.2	1814.2	1398.7	724.6	305.9	196.8	137.0
-5°	5964.6	4957.9	4249.0	3434.9	2560.8	1961.8	1517.2	824.1	386.0	246.8	168.8
-7.5°	5972.6	4996.1	4286.7	3528.2	2705.5	2097.8	1618.0	912.8	461.6	294.6	199.3
-10°	5945.2	5011.4	4276.4	3504.0	2714.5	2153.8	1685.3	989.5	531.2	339.4	228.0
-12.5°	5881.6	4991.6	4240.7	3450.0	2682.3	2133.1	1641.8	1018.5	591.0	380.5	254.5
-15°	5783.5	4934.1	4179.8	3365.4	2629.7	2098.7	1592.5	1023.0	627.6	416.5	278.5
-17.5°	5601.9	4837.1	4093.9	3249.2	2556.1	2050.0	1540.0	1021.4	658.9	447.6	301.3
-20°	5216.5	4590.5	3976.0	3101.1	2461.0	1986.7	1486.6	1014.3	684.6	474.5	322.6



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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°	4807.4	4241.7	3661.9	2971.0	2360.7	1908.3	1434.4	1002.5	704.6	496.8	340.7
-25°	4368.4	3887.5	3331.7	2758.2	2263.6	1827.0	1395.1	986.6	718.7	514.4	355.6
-27.5°	3957.4	3530.2	3021.4	2548.2	2126.1	1754.9	1364.7	996.6	730.3	527.0	366.9
-30°	3565.4	3194.8	2772.9	2354.6	1986.9	1659.5	1332.2	1000.6	742.5	537.4	374.5
-32.5°	3282.6	2894.7	2547.1	2196.4	1864.9	1558.7	1269.6	997.1	747.8	544.8	380.5
-35°	3058.7	2672.4	2336.4	2040.0	1747.5	1464.1	1195.4	986.1	746.3	547.0	383.3
-37.5°	2827.4	2481.8	2168.8	1895.2	1626.6	1365.7	1133.2	937.9	737.6	544.0	382.5
-40°	2611.6	2294.1	2012.4	1760.5	1511.8	1263.6	1066.3	889.7	727.2	535.7	377.8
-42.5°	2388.2	2111.9	1859.5	1623.3	1397.1	1184.5	996.6	838.4	692.2	525.1	369.4
-45°	2177.6	1927.9	1704.7	1494.6	1283.9	1101.3	936.6	785.4	652.0	510.8	358.9
-47.5°	1963.7	1754.7	1556.9	1363.9	1188.1	1018.6	873.5	738.3	609.8	491.2	347.3
-50°	1772.9	1589.6	1416.2	1250.6	1088.6	946.4	810.5	689.0	571.1	456.9	332.2
-52.5°	1610.2	1440.2	1289.8	1142.3	1004.7	871.2	754.1	638.4	530.8	424.6	313.6
-55°	1463.7	1307.2	1173.4	1046.8	922.9	805.4	695.7	592.0	488.9	392.3	292.4
-57.5°	1337.7	1187.1	1071.5	957.7	848.5	741.6	640.3	544.0	449.5	358.6	273.1
-60°	1219.5	1091.6	975.7	877.1	778.0	680.0	586.3	496.1	409.7	324.4	248.8
-62.5°	1121.3	999.4	891.9	800.4	710.5	621.2	531.5	450.0	368.4	292.6	222.1
-65°	1023.8	913.9	809.7	728.4	645.4	561.0	479.3	402.4	328.4	259.1	195.9
-67.5°	923.9	825.8	735.5	657.3	577.3	499.6	425.0	354.4	287.4	224.2	172.8
-70°	818.2	734.3	653.8	578.0	505.4	435.3	368.1	304.9	244.7	194.1	148.6
-72.5°	703.2	629.7	560.6	494.7	429.1	367.0	308.8	255.0	206.9	163.0	123.4
-75°	579.8	518.4	460.1	403.9	348.6	296.7	251.1	208.6	167.9	130.7	100.5
-77.5°	447.6	399.6	354.3	312.2	269.9	230.5	194.4	160.9	129.5	102.5	78.1
-80°	320.2	287.0	254.7	223.0	191.6	162.9	140.2	118.2	95.2	74.1	55.1
-82.5°	200.4	180.2	161.6	143.6	125.7	108.6	92.3	76.7	60.2	45.2	36.5
-85°	107.8	96.5	85.6	75.0	64.2	53.8	48.7	43.7	37.6	32.0	26.8
-87.5°	43.9	41.6	39.3	37.0	34.1	31.4	28.7	26.0	22.8	19.8	17.1
-90°	3.8	4.1	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.0	6.7	6.5	6.2	5.9	5.3	4.7
87.5°	6.8	6.3	5.8	5.4	5.1	4.9	4.7
85°	8.9	7.9	6.9	6.2	5.5	5.1	4.7
82.5°	11.0	9.4	8.0	6.9	5.9	5.2	4.7
80°	12.9	11.0	9.1	7.6	6.3	5.4	4.7
77.5°	13.1	12.0	10.2	8.3	6.7	5.6	4.7
75°	13.3	12.0	11.0	8.9	7.1	5.8	4.7
72.5°	13.5	12.1	11.0	9.6	7.5	5.9	4.7
70°	13.7	12.1	10.9	10.1	7.9	6.1	4.7
67.5°	14.1	12.0	10.8	10.0	8.2	6.3	4.7
65°	14.6	12.2	10.7	9.8	8.6	6.4	4.7
62.5°	15.0	12.6	10.5	9.7	8.9	6.6	4.7
60°	15.4	13.0	10.4	9.5	9.2	6.7	4.7
57.5°	16.1	13.4	10.7	9.3	9.2	6.9	4.7
55°	16.9	13.8	11.0	9.1	9.1	7.0	4.7
52.5°	17.6	14.2	11.3	8.9	9.1	7.1	4.7
50°	18.4	14.8	11.6	8.7	9.0	7.2	4.7
47.5°	19.2	15.5	11.9	8.6	9.0	7.4	4.7
45°	20.4	16.1	12.1	8.8	9.0	7.5	4.7
42.5°	21.6	16.8	12.4	9.0	9.0	7.6	4.7
40°	22.8	17.4	12.7	9.3	9.0	7.7	4.7
37.5°	23.9	18.0	13.2	9.8	9.1	7.8	4.7
35°	25.0	18.8	13.6	10.3	9.1	7.8	4.7
32.5°	26.2	19.6	14.0	10.9	9.2	7.9	4.7
30°	27.7	20.4	14.4	11.4	9.2	8.0	4.7
27.5°	29.3	21.2	15.6	11.9	9.3	8.1	4.7
25°	30.8	21.9	16.9	12.5	9.4	8.1	4.7
22.5°	32.3	23.3	18.2	13.1	9.5	8.1	4.7
20°	33.8	26.2	19.6	13.6	9.6	8.2	4.7
17.5°	37.7	29.3	21.1	14.2	9.8	8.2	4.7
15°	43.2	32.5	22.5	14.7	9.9	8.2	4.7
12.5°	48.9	35.7	23.9	15.3	10.0	8.2	4.7
10°	54.5	39.0	25.3	15.8	10.1	8.2	4.7
7.5°	60.1	42.3	26.7	16.3	10.3	8.2	4.7
5°	65.7	45.5	28.0	16.7	10.4	8.2	4.7
2.5°	71.0	48.6	29.3	17.2	10.5	8.2	4.7
0°	76.2	51.6	30.5	17.6	10.6	8.2	4.7
-2.5°	96.0	62.6	36.4	20.2	11.4	8.3	4.7
-5°	115.2	73.4	42.2	22.7	12.1	8.5	4.7
-7.5°	133.5	83.6	47.7	25.2	12.8	8.6	4.7
-10°	150.9	93.3	53.0	27.5	13.5	8.7	4.7
-12.5°	166.8	102.3	57.8	29.6	14.2	8.9	4.7
-15°	181.2	110.4	62.2	31.6	14.8	9.0	4.7
-17.5°	193.8	117.7	66.2	33.3	15.4	9.1	4.7
-20°	206.2	123.9	69.6	34.8	15.9	9.1	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	219.3	128.9	72.4	36.0	16.3	9.2	4.7
-25°	230.2	135.6	74.5	37.0	16.7	9.2	4.7
-27.5°	238.7	141.9	76.0	37.7	17.1	9.3	4.7
-30°	244.6	146.7	77.0	38.0	17.3	9.3	4.7
-32.5°	248.0	149.8	79.4	38.0	17.5	9.3	4.7
-35°	250.7	151.2	80.8	37.7	17.6	9.3	4.7
-37.5°	251.7	151.6	81.3	37.0	17.6	9.2	4.7
-40°	250.1	151.7	80.7	36.0	17.6	9.2	4.7
-42.5°	245.8	150.2	80.0	35.0	17.4	9.1	4.7
-45°	239.0	147.1	79.2	34.4	17.2	9.0	4.7
-47.5°	229.6	142.4	77.6	33.3	16.9	9.0	4.7
-50°	220.8	136.2	75.2	32.9	16.5	8.8	4.7
-52.5°	210.4	128.5	71.9	32.6	16.1	8.7	4.7
-55°	197.8	121.9	67.9	31.9	15.5	8.6	4.7
-57.5°	183.1	114.6	63.1	30.7	14.9	8.4	4.7
-60°	167.1	106.2	57.7	29.3	14.3	8.2	4.7
-62.5°	153.6	96.7	53.8	27.4	13.7	8.0	4.7
-65°	138.6	86.2	49.3	25.3	13.2	7.8	4.7
-67.5°	122.2	76.2	44.3	22.9	12.6	7.6	4.7
-70°	104.6	66.8	38.8	20.1	11.9	7.4	4.7
-72.5°	89.0	56.7	32.7	18.4	11.3	7.2	4.7
-75°	72.8	46.0	26.3	16.8	10.6	6.9	4.7
-77.5°	55.8	34.6	22.7	15.2	9.8	6.7	4.7
-80°	38.1	27.4	19.6	13.5	9.1	6.4	4.7
-82.5°	29.6	22.4	16.4	11.7	8.3	6.1	4.7
-85°	22.1	17.2	13.1	9.9	7.5	5.9	4.7
-87.5°	14.6	12.0	9.8	8.0	6.7	5.6	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)