

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: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

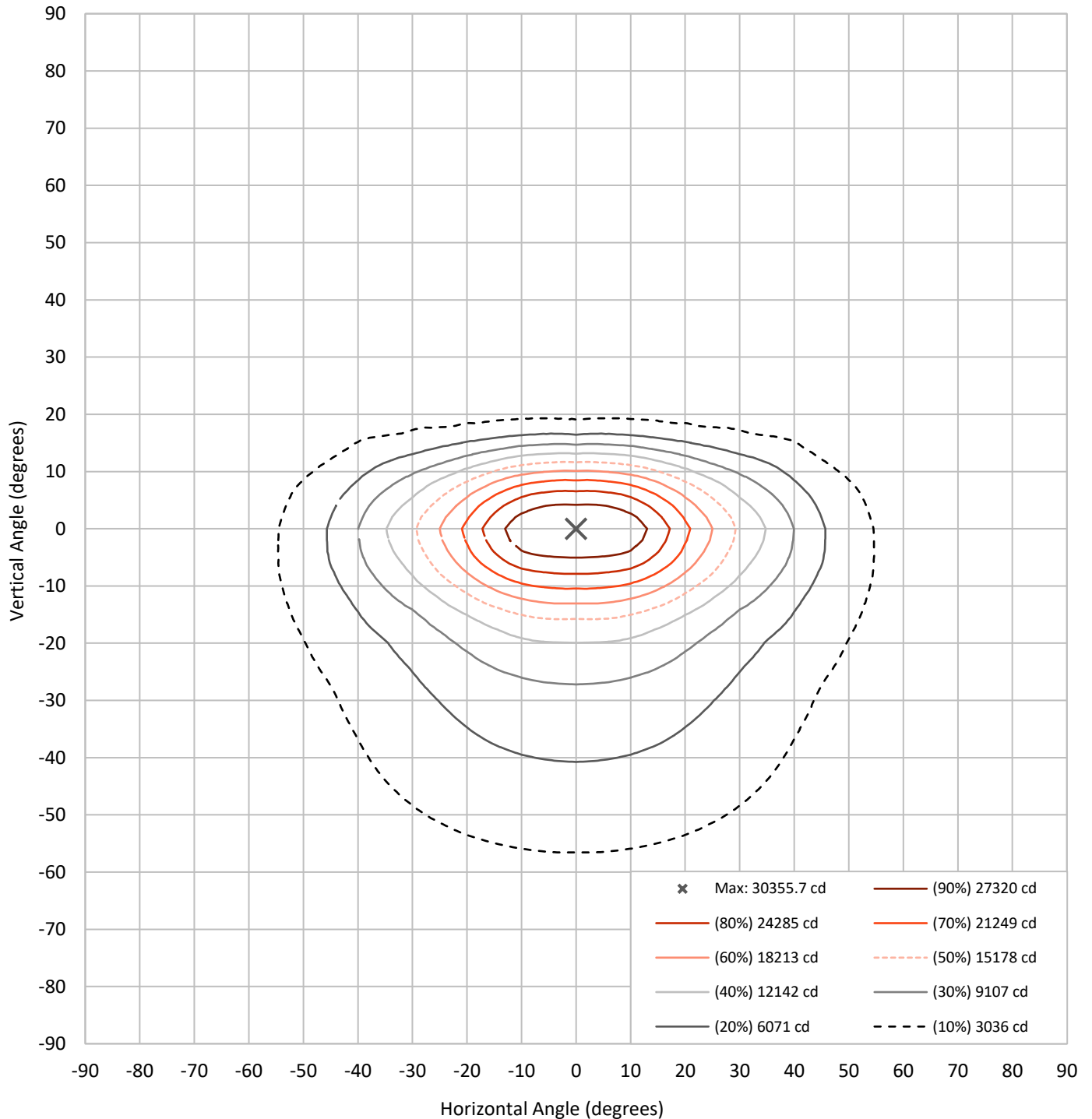
Test Method: LM-79-08
Report Number: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-42)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-80-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	20425.3 lumens	Max Intensity:	30355.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	8063.1 lumens	Field Lumens:	17974.7 lumens
Beam Efficiency:	39.5%	Field Efficiency:	88.0%
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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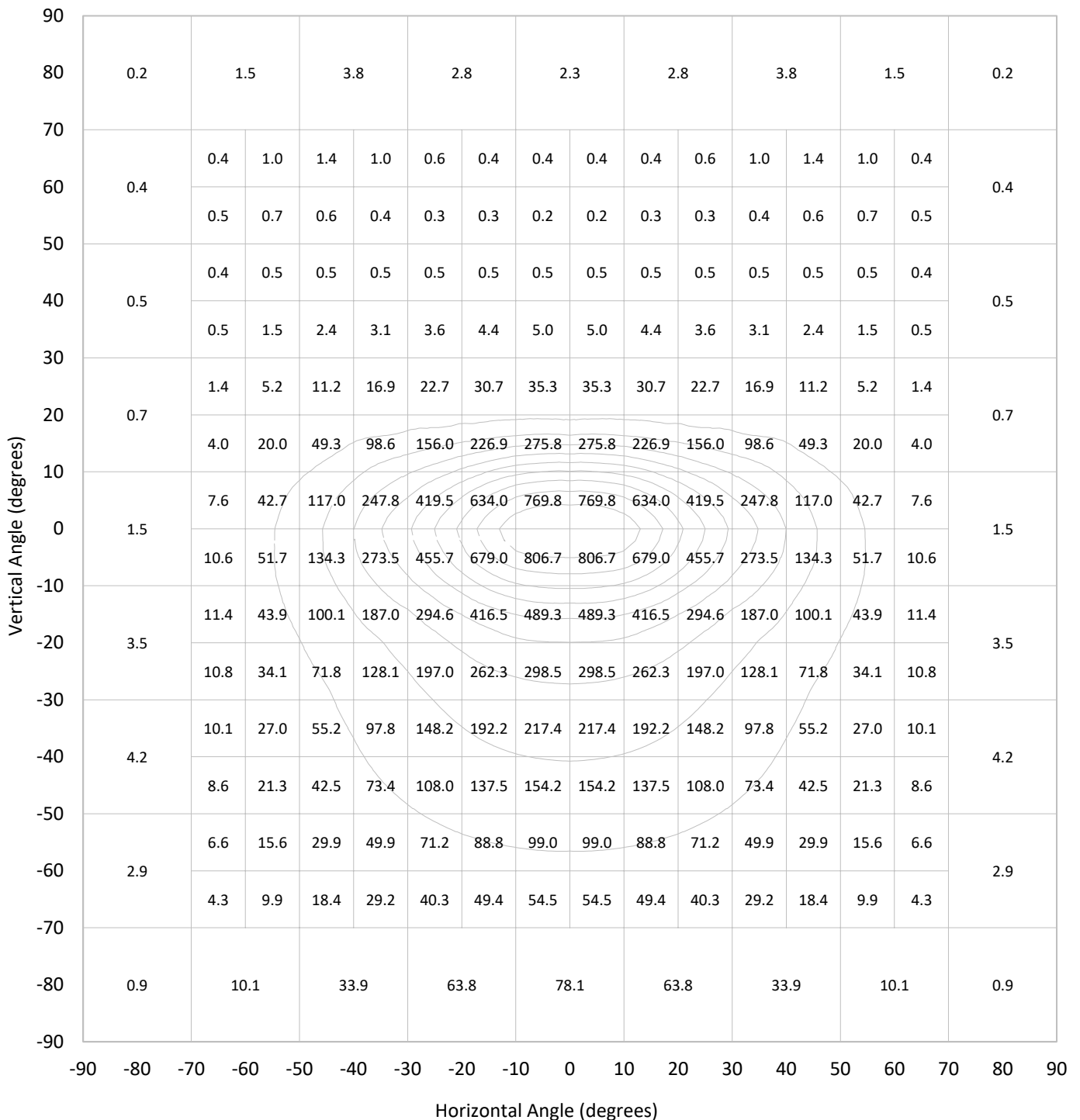
Iso-Candela Plot





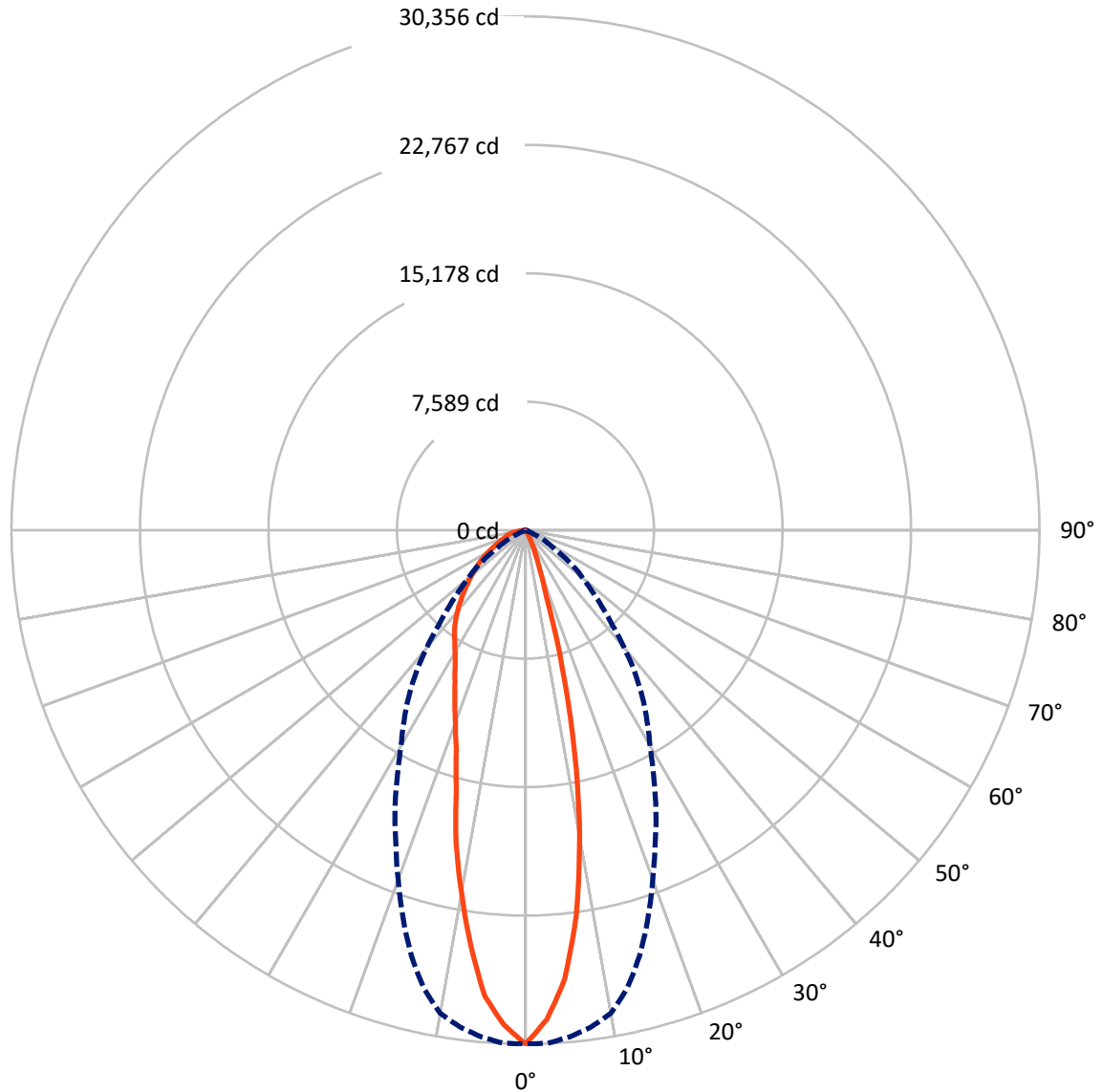
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Lumen Table



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
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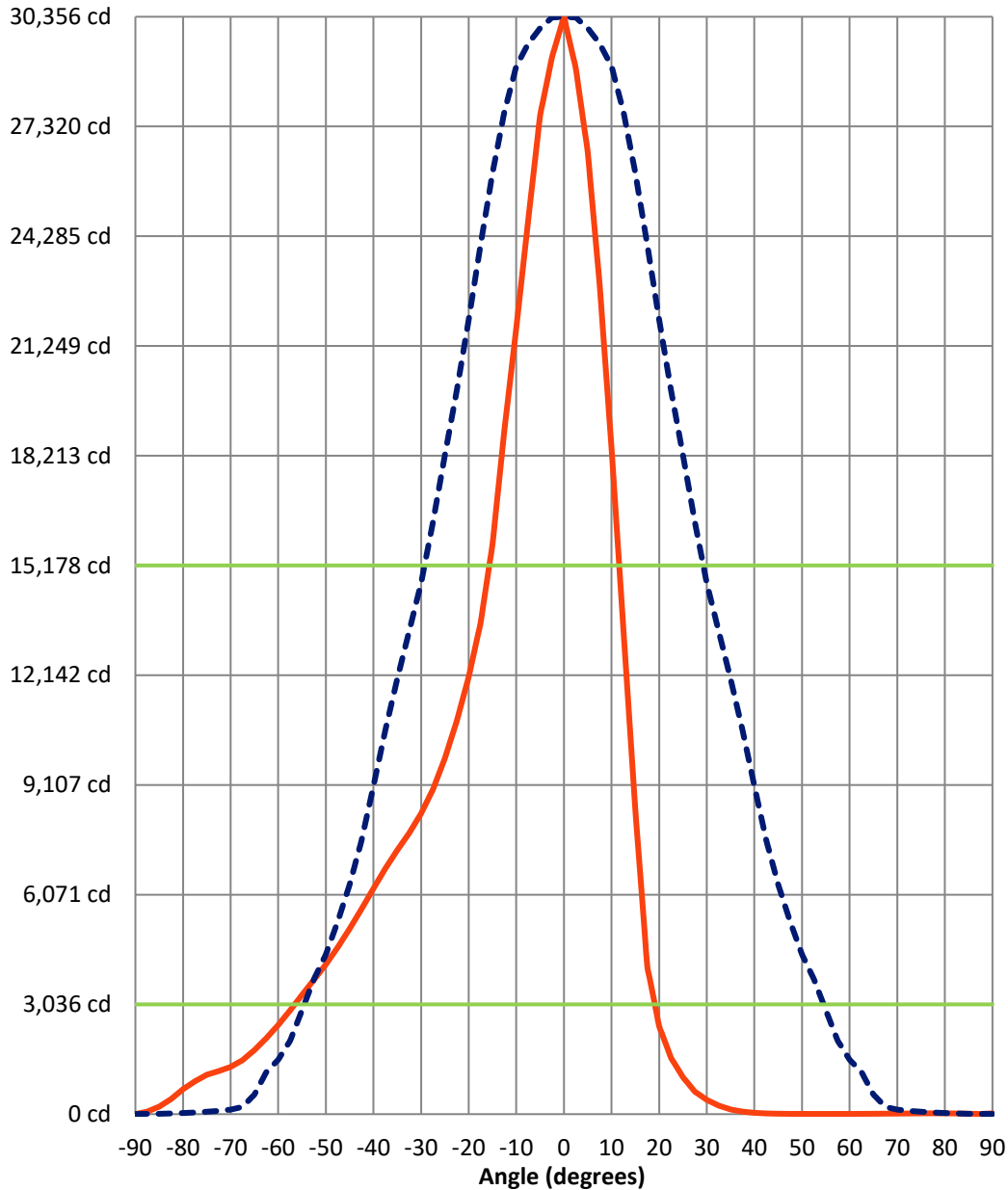
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 27.3°
 Lumens: 8063.1
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 17974.7
 Efficiency: 88.0%

Spill:
 Lumens: 2450.6
 Efficiency: 12.0%

— 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°	4.4	5.0	5.5	5.8	6.1	6.3	6.6	6.9	7.2	7.4	7.7
87.5°	4.4	4.6	4.9	5.2	5.6	6.1	6.7	6.8	6.8	6.8	6.7
85°	4.4	4.8	5.4	6.0	6.9	7.8	8.9	9.2	9.3	9.3	9.1
82.5°	4.4	5.0	5.8	6.9	8.1	9.5	11.2	11.6	11.8	12.7	14.3
80°	4.4	5.2	6.3	7.7	9.3	11.2	13.3	13.9	15.3	17.7	21.1
77.5°	4.4	5.3	6.8	8.5	10.5	12.5	14.3	15.9	18.7	22.6	26.5
75°	4.4	5.5	7.2	9.2	11.5	13.0	15.3	17.9	21.6	24.8	28.0
72.5°	4.4	5.7	7.6	10.0	11.7	13.5	16.1	19.4	22.7	26.0	29.5
70°	4.4	5.9	8.1	10.6	11.8	14.0	16.9	20.2	23.7	27.2	30.6
67.5°	4.4	6.1	8.5	10.5	12.0	14.3	17.6	21.0	24.6	28.1	31.6
65°	4.4	6.2	8.9	10.5	12.0	14.8	18.3	21.7	25.3	28.9	32.8
62.5°	4.4	6.4	9.2	10.4	12.1	15.4	19.0	22.3	26.0	29.8	34.7
60°	4.4	6.5	9.6	10.3	12.0	16.0	19.6	22.8	26.6	31.2	36.4
57.5°	4.4	6.7	9.5	10.1	12.5	16.6	20.3	23.3	27.5	32.5	37.1
55°	4.4	6.8	9.4	9.9	13.0	17.2	21.1	24.1	28.4	33.4	37.2
52.5°	4.4	6.9	9.4	9.7	13.5	17.8	21.9	25.1	29.1	33.4	37.2
50°	4.4	7.1	9.3	9.5	13.9	18.5	22.7	26.1	29.6	33.4	35.4
47.5°	4.4	7.2	9.2	9.4	14.4	19.3	23.6	27.2	29.5	33.3	33.6
45°	4.4	7.3	9.2	9.7	14.8	20.1	24.5	28.3	30.2	32.0	32.1
42.5°	4.4	7.4	9.2	10.0	15.2	20.8	25.4	29.1	31.0	30.9	30.6
40°	4.4	7.5	9.2	10.5	15.7	21.6	26.3	29.9	31.7	30.1	29.3
37.5°	4.4	7.5	9.2	11.1	16.3	22.4	27.2	30.8	32.3	30.9	28.2
35°	4.4	7.6	9.2	11.7	16.8	23.1	28.1	31.7	33.2	32.2	28.4
32.5°	4.4	7.7	9.2	12.3	17.4	23.8	28.9	32.7	34.3	34.3	33.9
30°	4.4	7.7	9.2	12.9	17.9	24.4	29.7	33.7	35.7	37.1	40.9
27.5°	4.4	7.8	9.2	13.4	19.0	25.0	30.5	34.8	37.5	40.6	49.1
25°	4.4	7.8	9.3	14.0	20.2	25.6	31.2	35.9	40.2	46.4	59.5
22.5°	4.4	7.8	9.3	14.6	21.4	26.6	32.0	37.2	43.2	53.9	93.3
20°	4.4	7.9	9.4	15.2	22.6	28.7	32.8	38.6	46.5	61.9	131.9
17.5°	4.4	7.9	9.5	15.7	23.8	30.8	35.6	40.0	50.1	70.3	174.2
15°	4.4	7.9	9.5	16.3	24.9	33.1	39.9	44.0	53.9	79.1	219.2
12.5°	4.4	7.9	9.6	16.8	26.1	35.4	44.4	51.5	62.5	88.0	265.8
10°	4.4	7.8	9.7	17.3	27.2	37.7	49.0	59.2	75.1	108.9	317.8
7.5°	4.4	7.8	9.7	17.7	28.2	39.9	53.7	67.1	88.0	132.0	379.7
5°	4.4	7.8	9.8	18.1	29.2	42.1	58.3	75.0	100.8	155.1	439.3
2.5°	4.4	7.7	9.8	18.5	30.1	44.3	62.9	82.8	113.4	177.9	494.8
0°	4.4	7.7	9.9	18.8	30.9	46.3	67.3	90.4	125.7	199.7	544.9
-2.5°	4.4	7.9	10.7	21.1	36.1	56.4	84.9	119.4	169.7	260.4	606.2
-5°	4.4	8.0	11.4	23.3	41.1	66.1	102.0	147.7	212.5	318.9	660.6
-7.5°	4.4	8.2	12.2	25.4	45.9	75.5	118.4	174.8	253.5	374.7	708.2
-10°	4.4	8.3	12.9	27.4	50.5	84.4	133.9	200.4	292.2	426.9	749.1
-12.5°	4.4	8.4	13.5	29.2	54.7	92.7	148.2	224.1	328.0	472.9	765.8
-15°	4.4	8.6	14.2	30.9	58.6	100.2	161.2	245.6	357.1	500.9	769.4
-17.5°	4.4	8.7	14.8	32.4	62.0	106.8	172.7	264.1	379.4	525.3	769.5
-20°	4.4	8.8	15.3	33.7	64.9	112.5	183.4	280.3	399.1	545.9	766.7



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 CATALOG NUMBER: EPH-08-320N-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	8.8	15.8	34.7	67.4	117.2	194.3	294.1	415.9	562.5	761.7
-25°	4.4	8.9	16.2	35.6	69.2	123.1	203.6	305.4	429.8	575.1	754.9
-27.5°	4.4	8.9	16.5	36.1	70.5	128.9	211.1	314.3	440.6	585.4	765.3
-30°	4.4	9.0	16.8	36.4	71.3	133.5	216.9	320.4	449.2	595.7	771.3
-32.5°	4.4	9.0	17.0	36.4	73.6	136.6	220.8	325.9	454.9	602.0	772.2
-35°	4.4	9.0	17.2	36.1	75.1	138.4	223.9	329.4	457.0	604.3	767.7
-37.5°	4.4	8.9	17.3	35.5	75.7	139.3	225.4	330.4	455.4	602.5	742.6
-40°	4.4	8.9	17.2	34.7	75.4	139.6	224.8	328.9	450.1	596.9	716.3
-42.5°	4.4	8.8	17.2	33.8	74.9	138.4	222.1	324.7	444.1	572.7	686.4
-45°	4.4	8.8	17.0	33.2	74.2	135.8	217.4	318.4	436.2	543.8	653.0
-47.5°	4.4	8.7	16.7	32.3	72.7	131.8	210.6	310.0	424.5	512.5	617.6
-50°	4.4	8.6	16.4	31.9	70.5	126.4	203.2	298.9	399.4	483.4	579.2
-52.5°	4.4	8.4	16.0	31.6	67.4	119.6	194.0	285.0	372.8	451.8	538.6
-55°	4.4	8.3	15.5	30.9	63.7	113.5	182.8	268.8	344.7	417.7	499.3
-57.5°	4.4	8.1	15.0	30.0	59.2	106.7	169.8	251.5	315.0	382.9	457.2
-60°	4.4	8.0	14.4	28.7	54.2	98.8	155.4	228.6	284.5	346.8	413.5
-62.5°	4.4	7.8	13.8	27.1	50.9	89.9	142.7	203.4	255.6	309.0	370.2
-65°	4.4	7.6	13.2	25.2	47.0	80.0	128.5	178.9	225.9	274.4	325.1
-67.5°	4.4	7.3	12.6	23.1	42.7	71.0	113.1	157.6	195.5	240.0	284.4
-70°	4.4	7.1	11.9	20.7	38.0	63.1	96.5	135.8	171.0	205.0	245.4
-72.5°	4.4	6.9	11.2	18.9	32.8	54.5	83.0	113.7	146.3	177.6	207.7
-75°	4.4	6.6	10.5	17.3	27.3	45.3	69.3	94.0	121.2	150.0	177.8
-77.5°	4.4	6.3	9.7	15.5	23.6	35.7	54.9	74.6	96.6	121.5	147.6
-80°	4.4	6.1	8.9	13.6	20.3	28.8	39.9	54.6	71.4	90.5	111.9
-82.5°	4.4	5.8	8.1	11.7	16.8	23.3	31.2	37.8	45.7	58.9	73.8
-85°	4.4	5.5	7.2	9.8	13.3	17.7	23.1	27.5	32.3	37.5	43.0
-87.5°	4.4	5.2	6.4	7.8	9.7	12.0	14.9	17.2	19.8	22.5	25.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.0	8.3	8.5	8.8	9.6	10.5	11.3	12.1	13.5	14.9	16.2
87.5°	7.2	7.7	8.2	8.8	8.4	7.9	7.4	6.7	7.2	7.8	8.3
85°	10.0	11.0	12.4	13.5	13.5	13.6	13.8	14.1	15.1	15.9	16.5
82.5°	16.2	17.6	18.7	19.3	20.4	21.7	23.4	26.0	27.4	28.4	28.9
80°	23.1	24.4	25.3	27.2	30.4	34.2	38.3	42.8	44.3	44.4	44.0
77.5°	27.7	29.5	32.5	36.7	41.6	46.4	51.5	57.0	58.6	58.3	57.5
75°	30.7	34.3	38.8	44.4	50.4	56.5	63.0	69.0	70.7	68.9	66.6
72.5°	33.1	37.7	43.8	51.1	57.9	64.2	70.9	78.0	80.4	76.6	71.8
70°	34.7	40.7	47.9	55.7	63.4	70.2	76.5	83.3	87.1	80.6	71.1
67.5°	36.0	43.4	51.4	59.4	66.4	72.8	79.9	82.1	83.0	73.1	62.9
65°	38.1	46.0	53.2	60.3	67.8	69.9	71.4	72.9	71.3	60.0	48.9
62.5°	40.0	46.6	53.5	59.0	60.8	61.9	60.6	57.6	53.7	45.9	36.8
60°	40.7	46.4	50.9	52.6	53.1	50.8	47.3	43.8	39.6	33.2	27.0
57.5°	40.9	43.8	45.5	45.9	43.8	40.1	36.7	32.1	28.7	24.6	19.5
55°	39.9	39.3	40.1	38.7	35.7	31.8	27.8	24.7	20.6	18.2	15.2
52.5°	37.1	35.6	34.8	32.6	29.2	25.7	22.4	19.4	17.0	14.3	12.4
50°	34.7	32.6	30.3	27.6	25.0	22.6	18.9	16.7	14.7	12.7	11.0
47.5°	32.4	30.0	26.5	24.3	24.0	22.5	18.9	15.6	13.8	13.8	12.2
45°	30.4	28.4	24.4	24.8	25.5	25.4	22.9	15.3	17.0	17.4	16.5
42.5°	28.7	27.9	29.0	26.4	30.5	32.8	30.8	25.7	22.8	25.3	26.3
40°	28.9	28.5	38.1	37.9	38.5	44.4	47.3	43.7	33.6	39.8	42.7
37.5°	30.1	40.1	52.0	55.9	52.5	62.7	68.9	73.1	65.2	60.1	68.9
35°	31.9	54.5	72.3	80.7	81.2	87.1	103.1	109.7	104.4	96.4	103.5
32.5°	41.7	71.7	96.4	110.6	123.7	129.8	144.0	150.8	156.5	156.5	153.5
30°	62.4	94.5	124.3	143.7	175.1	203.7	197.5	199.0	220.1	241.6	252.0
27.5°	97.8	122.8	155.4	190.4	238.5	294.1	304.0	275.8	304.5	344.2	379.4
25°	142.2	208.2	188.5	246.1	326.1	403.2	444.2	463.7	424.5	482.3	565.6
22.5°	203.7	316.5	317.5	306.8	424.6	532.4	633.4	730.2	780.3	717.4	804.1
20°	286.6	432.3	479.0	530.8	572.0	679.3	853.6	1064.9	1258.2	1367.7	1317.5
17.5°	381.9	558.8	665.9	804.5	941.4	1000.0	1111.1	1456.9	1832.3	2151.9	2323.8
15°	486.7	693.8	867.9	1106.3	1352.6	1538.2	1730.6	2027.8	2523.3	3070.1	3507.9
12.5°	598.2	835.3	1081.5	1429.9	1795.7	2101.0	2444.0	2895.9	3467.6	4149.7	4862.7
10°	713.0	980.6	1302.3	1767.9	2261.4	2680.5	3171.4	3764.1	4494.2	5344.0	6240.2
7.5°	834.7	1122.8	1519.9	2112.5	2739.3	3268.2	3903.0	4624.2	5510.1	6520.3	7600.7
5°	952.6	1257.0	1701.3	2389.6	3127.2	3764.3	4569.5	5464.5	6503.3	7665.2	8938.5
2.5°	1062.5	1385.5	1873.2	2643.1	3441.9	4103.4	4965.5	5927.9	7099.6	8469.6	9942.2
0°	1161.5	1506.8	2032.9	2876.7	3732.7	4418.8	5328.8	6352.4	7573.5	9076.9	10624.5
-2.5°	1204.4	1570.1	2104.9	2911.5	3725.5	4424.5	5300.1	6344.4	7522.0	8955.4	10473.4
-5°	1234.7	1623.5	2161.6	2924.1	3694.1	4403.9	5239.0	6288.3	7358.2	8633.2	9993.2
-7.5°	1253.9	1665.9	2202.6	2902.7	3592.1	4242.1	4968.6	5862.4	6837.9	7972.8	9170.2
-10°	1257.9	1661.4	2141.1	2763.0	3394.0	3989.9	4637.3	5413.5	6285.8	7278.3	8319.3
-12.5°	1218.8	1615.4	2054.5	2613.2	3188.8	3727.9	4294.8	4954.2	5710.2	6563.5	7485.0
-15°	1176.4	1563.3	1961.3	2457.2	2981.7	3460.6	3947.0	4493.9	5164.7	5942.0	6736.7
-17.5°	1132.9	1506.1	1863.6	2298.3	2777.1	3192.2	3617.9	4137.3	4738.3	5393.4	6040.3
-20°	1090.1	1444.5	1763.1	2139.7	2578.4	2970.3	3385.5	3841.9	4346.4	4880.3	5394.6



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1049.9	1379.4	1670.2	2006.7	2407.7	2783.5	3154.3	3546.4	3964.2	4396.4	4939.1
-25°	1023.0	1317.0	1589.1	1901.0	2247.4	2594.2	2921.3	3258.3	3618.0	4096.1	4598.8
-27.5°	1006.3	1263.8	1517.8	1795.0	2094.0	2407.4	2703.5	3000.8	3401.8	3831.9	4276.8
-30°	989.8	1210.9	1443.6	1694.8	1966.9	2238.9	2493.8	2829.7	3203.5	3597.1	3992.7
-32.5°	958.6	1155.3	1376.0	1608.4	1848.9	2084.4	2350.5	2680.9	3023.8	3369.8	3726.9
-35°	919.8	1106.3	1309.6	1520.7	1736.3	1969.2	2239.0	2529.8	2844.8	3166.7	3519.1
-37.5°	885.9	1053.0	1240.8	1437.6	1639.6	1869.0	2117.0	2388.8	2675.8	2976.9	3313.4
-40°	848.4	995.5	1175.7	1360.3	1549.9	1764.3	1997.9	2244.8	2509.1	2796.9	3098.9
-42.5°	808.1	949.8	1108.6	1280.8	1461.2	1657.2	1869.4	2101.6	2348.1	2610.2	2886.8
-45°	770.7	900.7	1040.4	1201.3	1368.1	1546.4	1743.1	1951.6	2185.2	2426.5	2675.6
-47.5°	729.1	849.4	981.8	1116.3	1272.6	1437.0	1611.3	1808.5	2015.0	2239.0	2469.0
-50°	684.3	798.5	915.0	1038.1	1174.8	1325.0	1484.3	1661.8	1852.9	2048.6	2255.5
-52.5°	638.2	743.1	848.6	958.3	1080.2	1213.7	1358.6	1515.6	1687.5	1867.0	2045.6
-55°	589.1	686.0	779.8	879.5	985.8	1104.7	1232.7	1372.7	1516.9	1680.3	1837.7
-57.5°	539.4	624.7	710.0	800.6	895.4	994.9	1111.5	1230.1	1360.1	1494.5	1625.5
-60°	488.1	562.5	638.4	720.2	805.8	896.0	990.9	1096.7	1206.9	1315.6	1431.0
-62.5°	434.8	500.4	567.2	637.3	714.2	795.5	880.3	968.5	1059.4	1153.9	1247.2
-65°	383.4	439.0	497.3	558.6	620.3	694.7	769.8	844.0	923.4	1000.1	1074.8
-67.5°	331.1	383.8	432.8	480.6	537.5	601.4	660.3	727.6	794.1	857.1	918.0
-70°	287.7	329.9	374.9	418.2	463.0	517.3	575.2	628.7	679.0	731.8	788.9
-72.5°	245.9	286.6	324.3	358.9	404.2	455.1	502.6	546.7	594.8	644.9	691.0
-75°	207.7	243.2	279.9	314.0	351.7	396.1	443.9	488.9	529.7	570.3	612.4
-77.5°	170.8	197.6	228.5	263.4	300.8	335.4	373.2	413.9	452.0	490.8	531.8
-80°	131.2	150.2	171.2	195.4	223.2	253.7	286.5	321.3	351.8	379.8	407.5
-82.5°	88.2	102.8	117.5	132.3	147.8	164.2	182.3	204.5	224.3	244.1	264.3
-85°	48.8	55.0	65.1	75.2	83.9	93.0	102.6	112.7	122.1	131.3	140.3
-87.5°	28.5	31.7	35.0	38.5	40.9	43.1	45.2	47.2	49.9	52.5	55.0
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	17.6	17.9	18.2	18.5	18.8	19.6	20.5	21.3	22.1	21.8	21.6
87.5°	8.9	8.8	8.6	8.5	8.3	9.1	10.0	10.9	11.8	10.8	9.8
85°	17.0	17.1	17.1	17.0	16.9	18.1	19.2	20.3	21.4	19.8	18.0
82.5°	29.1	28.6	27.6	26.2	24.5	24.1	23.6	23.0	22.1	21.2	20.4
80°	43.2	41.1	38.5	35.4	31.9	30.0	28.3	26.3	24.2	23.6	23.1
77.5°	55.6	51.9	47.4	42.4	37.1	34.0	31.3	28.5	25.6	25.0	24.8
75°	63.7	58.8	52.2	45.3	38.2	33.7	30.5	27.3	24.2	23.3	22.9
72.5°	66.1	59.3	51.6	42.9	34.6	29.3	26.3	23.7	21.2	20.3	19.8
70°	61.8	52.8	44.2	35.9	28.3	23.4	21.3	19.5	17.9	17.1	16.9
67.5°	52.2	42.8	34.7	27.8	22.3	18.7	17.4	16.3	15.3	14.7	14.2
65°	39.7	32.3	26.4	21.8	18.2	16.0	15.0	14.1	13.2	12.5	12.0
62.5°	29.2	23.8	20.3	17.6	15.6	14.1	13.2	12.4	11.7	11.2	10.8
60°	22.0	18.2	16.1	14.4	13.1	12.2	11.6	11.1	10.6	10.2	9.7
57.5°	16.8	14.5	12.9	12.1	11.5	11.1	10.7	10.1	9.6	9.1	8.7
55°	13.2	12.1	11.2	10.9	10.7	10.3	9.8	9.4	8.8	8.1	7.7
52.5°	11.1	11.0	11.0	10.8	10.5	10.2	9.8	9.2	8.5	7.8	7.4
50°	11.0	11.1	11.1	10.9	10.6	10.3	9.9	9.5	9.0	8.6	8.3
47.5°	11.4	11.6	12.2	11.2	11.0	11.3	11.1	10.7	10.5	10.3	10.0
45°	13.4	15.8	16.4	15.5	13.6	15.2	14.7	12.9	13.9	13.8	12.9
42.5°	24.0	26.5	28.4	27.2	23.3	24.6	24.6	22.0	22.7	22.7	21.7
40°	45.7	44.8	48.0	46.7	42.5	40.9	42.7	39.7	39.1	40.6	38.8
37.5°	75.3	75.8	74.4	74.6	73.1	69.0	71.4	70.6	68.1	72.8	73.3
35°	117.8	121.4	109.9	114.4	116.4	111.9	114.7	122.8	117.6	128.7	131.7
32.5°	174.6	182.1	176.7	171.4	180.1	187.0	190.3	207.3	211.8	221.9	233.8
30°	244.6	264.2	279.8	270.1	269.0	293.4	307.5	330.4	352.6	365.9	390.2
27.5°	390.3	384.3	421.2	432.2	407.8	446.9	499.8	509.9	577.4	583.0	630.2
25°	616.9	613.8	624.9	678.5	692.0	711.6	802.5	850.5	928.0	969.8	1006.0
22.5°	921.1	1007.1	1021.8	997.2	1114.8	1191.8	1217.3	1355.4	1418.6	1513.0	1541.4
20°	1301.6	1501.7	1754.3	1758.2	1709.8	1931.5	2023.4	2096.0	2250.4	2358.0	2431.0
17.5°	2299.2	2297.7	2813.7	3098.7	3066.5	3226.1	3677.7	3631.1	3996.0	4217.2	4226.5
15°	3763.3	4036.2	4363.6	4880.7	5320.8	5675.6	6104.4	6664.6	7118.3	7651.2	8055.7
12.5°	5438.3	5975.7	6536.1	7125.9	7816.6	8600.9	9453.9	10200.7	11089.1	11866.5	12670.4
10°	7116.5	7967.7	8758.6	9640.1	10621.8	11666.5	12917.5	14010.5	15324.7	16477.2	17234.8
7.5°	8655.4	9676.5	10745.5	12026.8	13396.9	14708.9	16125.1	17658.2	19195.6	20527.3	21658.1
5°	10159.6	11307.4	12492.2	13903.7	15469.5	17113.4	18865.9	20679.0	22289.9	23806.9	25127.2
2.5°	11339.5	12654.4	14008.0	15604.0	17288.6	18954.6	20708.9	22660.7	24534.3	26308.4	27664.9
0°	12040.8	13360.1	14688.1	16379.1	18228.9	20019.1	21974.8	24053.0	26030.7	27727.2	28984.7
-2.5°	11761.4	13046.4	14388.3	16059.0	17841.1	19509.2	21377.7	23390.8	25306.3	27024.5	28329.6
-5°	11129.8	12282.6	13512.8	15057.5	16724.7	18381.9	20213.8	22128.8	23781.3	25306.4	26476.5
-7.5°	10241.6	11305.2	12452.4	13882.5	15415.7	16862.9	18360.3	19905.2	21409.1	22713.4	23676.2
-10°	9298.3	10261.1	11248.6	12395.5	13702.1	14965.3	16228.8	17637.8	18877.3	19954.1	20748.0
-12.5°	8352.3	9143.2	9922.3	10799.2	11920.5	13057.3	14150.0	15331.6	16318.8	17207.2	17913.4
-15°	7444.2	8059.9	8651.1	9499.9	10487.2	11326.8	11999.2	13069.4	13739.5	14529.2	15023.1
-17.5°	6600.2	7091.9	7810.3	8539.9	9244.3	9934.3	10710.2	11343.8	12001.5	12646.5	13070.9
-20°	5936.2	6544.2	7151.5	7744.9	8350.0	9008.6	9622.7	10221.5	10794.7	11290.5	11630.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5503.9	6043.7	6554.9	7088.9	7678.3	8231.4	8750.3	9301.6	9791.8	10161.9	10438.8
-25°	5088.8	5558.2	6055.6	6589.8	7088.6	7554.1	8031.9	8457.5	8875.8	9184.0	9443.0
-27.5°	4714.6	5160.0	5650.0	6123.5	6568.1	7003.2	7409.2	7761.8	8110.2	8356.7	8614.3
-30°	4389.2	4840.3	5286.0	5706.9	6124.5	6518.6	6876.7	7211.4	7503.8	7743.9	7959.8
-32.5°	4143.4	4552.5	4949.3	5343.1	5738.9	6102.3	6415.7	6737.2	7006.2	7236.4	7432.0
-35°	3900.3	4285.0	4651.8	5012.6	5376.9	5727.3	6030.7	6310.7	6575.5	6781.5	6960.7
-37.5°	3663.3	4022.0	4361.4	4685.9	5019.2	5342.2	5619.0	5882.0	6118.6	6309.1	6479.1
-40°	3424.6	3753.1	4056.6	4358.9	4658.4	4929.0	5189.2	5431.5	5634.2	5809.8	5964.5
-42.5°	3177.9	3467.1	3740.9	4017.6	4291.1	4530.6	4760.2	4977.8	5150.4	5306.0	5440.0
-45°	2930.3	3184.8	3435.6	3684.2	3909.3	4130.4	4338.5	4522.3	4677.9	4815.7	4931.9
-47.5°	2691.9	2908.3	3137.7	3364.4	3557.8	3747.0	3929.1	4084.9	4220.1	4340.6	4442.8
-50°	2453.7	2646.8	2846.9	3041.5	3218.8	3384.9	3537.5	3673.6	3796.8	3900.9	3988.6
-52.5°	2217.9	2397.2	2568.3	2726.5	2887.6	3040.3	3182.3	3301.3	3409.2	3505.5	3582.8
-55°	1992.8	2151.4	2311.4	2446.1	2576.3	2703.5	2821.7	2928.0	3025.8	3114.3	3183.6
-57.5°	1765.7	1904.0	2037.7	2158.5	2275.4	2387.6	2483.4	2566.7	2644.8	2716.3	2777.4
-60°	1546.6	1661.8	1774.7	1875.5	1972.9	2066.3	2147.9	2218.8	2281.6	2337.1	2387.1
-62.5°	1340.9	1439.9	1529.8	1611.2	1687.4	1763.6	1833.1	1894.4	1947.7	1993.2	2032.5
-65°	1151.7	1233.6	1305.6	1373.0	1436.2	1500.4	1556.2	1606.6	1651.4	1689.1	1719.3
-67.5°	983.5	1047.6	1107.5	1159.7	1213.5	1268.1	1318.6	1362.7	1400.8	1430.9	1454.3
-70°	841.6	893.6	947.3	999.3	1050.5	1097.4	1141.1	1180.1	1214.9	1240.8	1261.5
-72.5°	733.3	777.1	826.7	879.2	927.8	974.5	1018.9	1060.2	1098.7	1123.4	1142.6
-75°	655.6	700.8	745.1	788.9	831.9	873.0	914.4	956.5	999.2	1024.3	1044.4
-77.5°	569.7	601.4	634.3	670.0	708.0	744.8	780.9	816.4	851.3	868.7	882.0
-80°	436.8	462.0	486.8	511.9	537.2	563.1	589.2	615.1	640.6	652.4	661.2
-82.5°	284.7	302.0	318.5	334.4	349.6	362.6	374.7	386.0	396.4	401.5	405.0
-85°	149.1	156.7	164.0	170.8	177.2	181.2	184.6	187.4	189.8	193.0	195.7
-87.5°	57.4	59.6	61.7	63.7	65.7	66.7	67.6	68.3	68.9	70.0	70.9
-90°	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2	2.2	2.2



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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°	21.3	21.0	21.6	22.1	21.6	21.0	21.3	21.6	21.8	22.1	21.3
87.5°	8.7	7.7	7.1	6.6	7.1	7.7	8.7	9.8	10.8	11.8	10.9
85°	16.1	14.3	13.2	12.1	13.2	14.3	16.1	18.0	19.8	21.4	20.3
82.5°	19.6	18.8	18.8	18.8	18.8	18.8	19.6	20.4	21.2	22.1	23.0
80°	22.6	22.1	22.1	22.1	22.1	22.1	22.6	23.1	23.6	24.2	26.3
77.5°	24.5	24.3	23.8	23.2	23.8	24.3	24.5	24.8	25.0	25.6	28.5
75°	22.5	22.2	22.1	22.1	22.1	22.2	22.5	22.9	23.3	24.2	27.3
72.5°	19.3	18.9	18.8	18.8	18.8	18.9	19.3	19.8	20.3	21.2	23.7
70°	16.7	16.6	16.0	15.4	16.0	16.6	16.7	16.9	17.1	17.9	19.5
67.5°	13.8	13.4	13.2	13.2	13.2	13.4	13.8	14.2	14.7	15.3	16.3
65°	11.6	11.1	11.0	11.0	11.0	11.1	11.6	12.0	12.5	13.2	14.1
62.5°	10.4	10.0	9.4	8.8	9.4	10.0	10.4	10.8	11.2	11.7	12.4
60°	9.3	8.9	8.3	7.7	8.3	8.9	9.3	9.7	10.2	10.6	11.1
57.5°	8.3	7.9	7.7	7.7	7.7	7.9	8.3	8.7	9.1	9.6	10.1
55°	7.2	6.8	6.6	6.6	6.6	6.8	7.2	7.7	8.1	8.8	9.4
52.5°	7.1	6.7	6.6	6.6	6.6	6.7	7.1	7.4	7.8	8.5	9.2
50°	8.0	7.8	7.7	7.7	7.7	7.8	8.0	8.3	8.6	9.0	9.5
47.5°	9.6	9.1	8.8	8.8	8.8	9.1	9.6	10.0	10.3	10.5	10.7
45°	12.7	12.3	12.0	12.1	12.0	12.3	12.7	12.9	13.8	13.9	12.9
42.5°	22.0	21.4	20.5	19.9	20.5	21.4	22.0	21.7	22.7	22.7	22.0
40°	38.9	38.1	36.8	36.4	36.8	38.1	38.9	38.8	40.6	39.1	39.7
37.5°	74.3	73.8	71.4	70.6	71.4	73.8	74.3	73.3	72.8	68.1	70.6
35°	131.5	132.5	130.3	130.2	130.3	132.5	131.5	131.7	128.7	117.6	122.8
32.5°	237.7	240.3	233.6	237.2	233.6	240.3	237.7	233.8	221.9	211.8	207.3
30°	389.4	398.1	394.2	396.0	394.2	398.1	389.4	390.2	365.9	352.6	330.4
27.5°	634.8	641.3	627.9	623.2	627.9	641.3	634.8	630.2	583.0	577.4	509.9
25°	1026.5	1030.5	1017.4	1022.5	1017.4	1030.5	1026.5	1006.0	969.8	928.0	850.5
22.5°	1599.0	1583.6	1569.1	1555.3	1569.1	1583.6	1599.0	1541.4	1513.0	1418.6	1355.4
20°	2498.8	2463.5	2458.8	2432.2	2458.8	2463.5	2498.8	2431.0	2358.0	2250.4	2096.0
17.5°	4452.1	4516.1	4373.9	4098.9	4373.9	4516.1	4452.1	4226.5	4217.2	3996.0	3631.1
15°	8294.0	8595.0	8724.3	8408.5	8724.3	8595.0	8294.0	8055.7	7651.2	7118.3	6664.6
12.5°	13114.1	13326.0	13582.7	13395.4	13582.7	13326.0	13114.1	12670.4	11866.5	11089.1	10200.7
10°	17885.8	18203.0	18591.5	18416.4	18591.5	18203.0	17885.8	17234.8	16477.2	15324.7	14010.5
7.5°	22280.4	22827.0	23168.3	22948.8	23168.3	22827.0	22280.4	21658.1	20527.3	19195.6	17658.2
5°	26030.9	26463.1	26668.8	26612.0	26668.8	26463.1	26030.9	25127.2	23806.9	22289.9	20679.0
2.5°	28436.1	28892.3	29076.7	28923.5	29076.7	28892.3	28436.1	27664.9	26308.4	24534.3	22660.7
0°	29611.7	30039.2	30332.6	30355.7	30332.6	30039.2	29611.7	28984.7	27727.2	26030.7	24053.0
-2.5°	28932.3	29192.1	29332.5	29238.9	29332.5	29192.1	28932.3	28329.6	27024.5	25306.3	23390.8
-5°	27153.1	27427.7	27516.9	27625.7	27516.9	27427.7	27153.1	26476.5	25306.4	23781.3	22128.8
-7.5°	24217.7	24519.1	24741.3	24731.9	24741.3	24519.1	24217.7	23676.2	22713.4	21409.1	19905.2
-10°	21338.6	21562.5	21794.2	21755.3	21794.2	21562.5	21338.6	20748.0	19954.1	18877.3	17637.8
-12.5°	18485.2	18858.7	18949.5	18922.2	18949.5	18858.7	18485.2	17913.4	17207.2	16318.8	15331.6
-15°	15585.3	15862.0	15839.3	15765.8	15839.3	15862.0	15585.3	15023.1	14529.2	13739.5	13069.4
-17.5°	13438.3	13590.8	13649.2	13591.7	13649.2	13590.8	13438.3	13070.9	12646.5	12001.5	11343.8
-20°	11910.5	12028.4	12068.1	12094.9	12068.1	12028.4	11910.5	11630.7	11290.5	10794.7	10221.5



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10677.2	10797.6	10832.5	10878.2	10832.5	10797.6	10677.2	10438.8	10161.9	9791.8	9301.6
-25°	9642.9	9760.6	9800.4	9845.8	9800.4	9760.6	9642.9	9443.0	9184.0	8875.8	8457.5
-27.5°	8787.1	8902.0	8949.9	8984.3	8949.9	8902.0	8787.1	8614.3	8356.7	8110.2	7761.8
-30°	8113.2	8226.3	8294.7	8316.9	8294.7	8226.3	8113.2	7959.8	7743.9	7503.8	7211.4
-32.5°	7578.5	7677.3	7741.6	7774.2	7741.6	7677.3	7578.5	7432.0	7236.4	7006.2	6737.2
-35°	7102.3	7201.4	7268.3	7302.1	7268.3	7201.4	7102.3	6960.7	6781.5	6575.5	6310.7
-37.5°	6615.3	6723.3	6794.0	6795.8	6794.0	6723.3	6615.3	6479.1	6309.1	6118.6	5882.0
-40°	6078.1	6163.7	6219.7	6242.1	6219.7	6163.7	6078.1	5964.5	5809.8	5634.2	5431.5
-42.5°	5539.2	5611.9	5657.3	5676.3	5657.3	5611.9	5539.2	5440.0	5306.0	5150.4	4977.8
-45°	5024.7	5098.0	5135.9	5130.3	5135.9	5098.0	5024.7	4931.9	4815.7	4677.9	4522.3
-47.5°	4521.3	4578.2	4609.2	4616.2	4609.2	4578.2	4521.3	4442.8	4340.6	4220.1	4084.9
-50°	4063.1	4123.4	4149.2	4141.9	4149.2	4123.4	4063.1	3988.6	3900.9	3796.8	3673.6
-52.5°	3646.5	3697.7	3720.0	3717.3	3720.0	3697.7	3646.5	3582.8	3505.5	3409.2	3301.3
-55°	3240.2	3284.5	3302.1	3299.2	3302.1	3284.5	3240.2	3183.6	3114.3	3025.8	2928.0
-57.5°	2828.0	2867.9	2879.7	2872.3	2879.7	2867.9	2828.0	2777.4	2716.3	2644.8	2566.7
-60°	2428.7	2461.5	2471.7	2467.5	2471.7	2461.5	2428.7	2387.1	2337.1	2281.6	2218.8
-62.5°	2064.9	2090.2	2100.6	2101.3	2100.6	2090.2	2064.9	2032.5	1993.2	1947.7	1894.4
-65°	1743.8	1762.6	1771.0	1772.6	1771.0	1762.6	1743.8	1719.3	1689.1	1651.4	1606.6
-67.5°	1473.2	1487.8	1493.0	1493.5	1493.0	1487.8	1473.2	1454.3	1430.9	1400.8	1362.7
-70°	1280.0	1296.4	1303.2	1307.1	1303.2	1296.4	1280.0	1261.5	1240.8	1214.9	1180.1
-72.5°	1160.7	1177.5	1185.4	1191.3	1185.4	1177.5	1160.7	1142.6	1123.4	1098.7	1060.2
-75°	1063.6	1081.4	1087.0	1089.8	1087.0	1081.4	1063.6	1044.4	1024.3	999.2	956.5
-77.5°	893.6	903.1	906.7	907.8	906.7	903.1	893.6	882.0	868.7	851.3	816.4
-80°	668.2	673.2	682.8	690.5	682.8	673.2	668.2	661.2	652.4	640.6	615.1
-82.5°	407.1	407.9	413.6	418.1	413.6	407.9	407.1	405.0	401.5	396.4	386.0
-85°	198.0	199.8	204.4	208.5	204.4	199.8	198.0	195.7	193.0	189.8	187.4
-87.5°	71.8	72.6	72.2	71.7	72.2	72.6	71.8	70.9	70.0	68.9	68.3
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.5	19.6	18.8	18.5	18.2	17.9	17.6	16.2	14.9	13.5	12.1
87.5°	10.0	9.1	8.3	8.5	8.6	8.8	8.9	8.3	7.8	7.2	6.7
85°	19.2	18.1	16.9	17.0	17.1	17.1	17.0	16.5	15.9	15.1	14.1
82.5°	23.6	24.1	24.5	26.2	27.6	28.6	29.1	28.9	28.4	27.4	26.0
80°	28.3	30.0	31.9	35.4	38.5	41.1	43.2	44.0	44.4	44.3	42.8
77.5°	31.3	34.0	37.1	42.4	47.4	51.9	55.6	57.5	58.3	58.6	57.0
75°	30.5	33.7	38.2	45.3	52.2	58.8	63.7	66.6	68.9	70.7	69.0
72.5°	26.3	29.3	34.6	42.9	51.6	59.3	66.1	71.8	76.6	80.4	78.0
70°	21.3	23.4	28.3	35.9	44.2	52.8	61.8	71.1	80.6	87.1	83.3
67.5°	17.4	18.7	22.3	27.8	34.7	42.8	52.2	62.9	73.1	83.0	82.1
65°	15.0	16.0	18.2	21.8	26.4	32.3	39.7	48.9	60.0	71.3	72.9
62.5°	13.2	14.1	15.6	17.6	20.3	23.8	29.2	36.8	45.9	53.7	57.6
60°	11.6	12.2	13.1	14.4	16.1	18.2	22.0	27.0	33.2	39.6	43.8
57.5°	10.7	11.1	11.5	12.1	12.9	14.5	16.8	19.5	24.6	28.7	32.1
55°	9.8	10.3	10.7	10.9	11.2	12.1	13.2	15.2	18.2	20.6	24.7
52.5°	9.8	10.2	10.5	10.8	11.0	11.0	11.1	12.4	14.3	17.0	19.4
50°	9.9	10.3	10.6	10.9	11.1	11.1	11.0	11.0	12.7	14.7	16.7
47.5°	11.1	11.3	11.0	11.2	12.2	11.6	11.4	12.2	13.8	13.8	15.6
45°	14.7	15.2	13.6	15.5	16.4	15.8	13.4	16.5	17.4	17.0	15.3
42.5°	24.6	24.6	23.3	27.2	28.4	26.5	24.0	26.3	25.3	22.8	25.7
40°	42.7	40.9	42.5	46.7	48.0	44.8	45.7	42.7	39.8	33.6	43.7
37.5°	71.4	69.0	73.1	74.6	74.4	75.8	75.3	68.9	60.1	65.2	73.1
35°	114.7	111.9	116.4	114.4	109.9	121.4	117.8	103.5	96.4	104.4	109.7
32.5°	190.3	187.0	180.1	171.4	176.7	182.1	174.6	153.5	156.5	156.5	150.8
30°	307.5	293.4	269.0	270.1	279.8	264.2	244.6	252.0	241.6	220.1	199.0
27.5°	499.8	446.9	407.8	432.2	421.2	384.3	390.3	379.4	344.2	304.5	275.8
25°	802.5	711.6	692.0	678.5	624.9	613.8	616.9	565.6	482.3	424.5	463.7
22.5°	1217.3	1191.8	1114.8	997.2	1021.8	1007.1	921.1	804.1	717.4	780.3	730.2
20°	2023.4	1931.5	1709.8	1758.2	1754.3	1501.7	1301.6	1317.5	1367.7	1258.2	1064.9
17.5°	3677.7	3226.1	3066.5	3098.7	2813.7	2297.7	2299.2	2323.8	2151.9	1832.3	1456.9
15°	6104.4	5675.6	5320.8	4880.7	4363.6	4036.2	3763.3	3507.9	3070.1	2523.3	2027.8
12.5°	9453.9	8600.9	7816.6	7125.9	6536.1	5975.7	5438.3	4862.7	4149.7	3467.6	2895.9
10°	12917.5	11666.5	10621.8	9640.1	8758.6	7967.7	7116.5	6240.2	5344.0	4494.2	3764.1
7.5°	16125.1	14708.9	13396.9	12026.8	10745.5	9676.5	8655.4	7600.7	6520.3	5510.1	4624.2
5°	18865.9	17113.4	15469.5	13903.7	12492.2	11307.4	10159.6	8938.5	7665.2	6503.3	5464.5
2.5°	20708.9	18954.6	17288.6	15604.0	14008.0	12654.4	11339.5	9942.2	8469.6	7099.6	5927.9
0°	21974.8	20019.1	18228.9	16379.1	14688.1	13360.1	12040.8	10624.5	9076.9	7573.5	6352.4
-2.5°	21377.7	19509.2	17841.1	16059.0	14388.3	13046.4	11761.4	10473.4	8955.4	7522.0	6344.4
-5°	20213.8	18381.9	16724.7	15057.5	13512.8	12282.6	11129.8	9993.2	8633.2	7358.2	6288.3
-7.5°	18360.3	16862.9	15415.7	13882.5	12452.4	11305.2	10241.6	9170.2	7972.8	6837.9	5862.4
-10°	16228.8	14965.3	13702.1	12395.5	11248.6	10261.1	9298.3	8319.3	7278.3	6285.8	5413.5
-12.5°	14150.0	13057.3	11920.5	10799.2	9922.3	9143.2	8352.3	7485.0	6563.5	5710.2	4954.2
-15°	11999.2	11326.8	10487.2	9499.9	8651.1	8059.9	7444.2	6736.7	5942.0	5164.7	4493.9
-17.5°	10710.2	9934.3	9244.3	8539.9	7810.3	7091.9	6600.2	6040.3	5393.4	4738.3	4137.3
-20°	9622.7	9008.6	8350.0	7744.9	7151.5	6544.2	5936.2	5394.6	4880.3	4346.4	3841.9



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8750.3	8231.4	7678.3	7088.9	6554.9	6043.7	5503.9	4939.1	4396.4	3964.2	3546.4
-25°	8031.9	7554.1	7088.6	6589.8	6055.6	5558.2	5088.8	4598.8	4096.1	3618.0	3258.3
-27.5°	7409.2	7003.2	6568.1	6123.5	5650.0	5160.0	4714.6	4276.8	3831.9	3401.8	3000.8
-30°	6876.7	6518.6	6124.5	5706.9	5286.0	4840.3	4389.2	3992.7	3597.1	3203.5	2829.7
-32.5°	6415.7	6102.3	5738.9	5343.1	4949.3	4552.5	4143.4	3726.9	3369.8	3023.8	2680.9
-35°	6030.7	5727.3	5376.9	5012.6	4651.8	4285.0	3900.3	3519.1	3166.7	2844.8	2529.8
-37.5°	5619.0	5342.2	5019.2	4685.9	4361.4	4022.0	3663.3	3313.4	2976.9	2675.8	2388.8
-40°	5189.2	4929.0	4658.4	4358.9	4056.6	3753.1	3424.6	3098.9	2796.9	2509.1	2244.8
-42.5°	4760.2	4530.6	4291.1	4017.6	3740.9	3467.1	3177.9	2886.8	2610.2	2348.1	2101.6
-45°	4338.5	4130.4	3909.3	3684.2	3435.6	3184.8	2930.3	2675.6	2426.5	2185.2	1951.6
-47.5°	3929.1	3747.0	3557.8	3364.4	3137.7	2908.3	2691.9	2469.0	2239.0	2015.0	1808.5
-50°	3537.5	3384.9	3218.8	3041.5	2846.9	2646.8	2453.7	2255.5	2048.6	1852.9	1661.8
-52.5°	3182.3	3040.3	2887.6	2726.5	2568.3	2397.2	2217.9	2045.6	1867.0	1687.5	1515.6
-55°	2821.7	2703.5	2576.3	2446.1	2311.4	2151.4	1992.8	1837.7	1680.3	1516.9	1372.7
-57.5°	2483.4	2387.6	2275.4	2158.5	2037.7	1904.0	1765.7	1625.5	1494.5	1360.1	1230.1
-60°	2147.9	2066.3	1972.9	1875.5	1774.7	1661.8	1546.6	1431.0	1315.6	1206.9	1096.7
-62.5°	1833.1	1763.6	1687.4	1611.2	1529.8	1439.9	1340.9	1247.2	1153.9	1059.4	968.5
-65°	1556.2	1500.4	1436.2	1373.0	1305.6	1233.6	1151.7	1074.8	1000.1	923.4	844.0
-67.5°	1318.6	1268.1	1213.5	1159.7	1107.5	1047.6	983.5	918.0	857.1	794.1	727.6
-70°	1141.1	1097.4	1050.5	999.3	947.3	893.6	841.6	788.9	731.8	679.0	628.7
-72.5°	1018.9	974.5	927.8	879.2	826.7	777.1	733.3	691.0	644.9	594.8	546.7
-75°	914.4	873.0	831.9	788.9	745.1	700.8	655.6	612.4	570.3	529.7	488.9
-77.5°	780.9	744.8	708.0	670.0	634.3	601.4	569.7	531.8	490.8	452.0	413.9
-80°	589.2	563.1	537.2	511.9	486.8	462.0	436.8	407.5	379.8	351.8	321.3
-82.5°	374.7	362.6	349.6	334.4	318.5	302.0	284.7	264.3	244.1	224.3	204.5
-85°	184.6	181.2	177.2	170.8	164.0	156.7	149.1	140.3	131.3	122.1	112.7
-87.5°	67.6	66.7	65.7	63.7	61.7	59.6	57.4	55.0	52.5	49.9	47.2
-90°	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.4	4.4	4.4	4.4



REPORT NUMBER: P1306035 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	11.3	10.5	9.6	8.8	8.5	8.3	8.0	7.7	7.4	7.2	6.9
87.5°	7.4	7.9	8.4	8.8	8.2	7.7	7.2	6.7	6.8	6.8	6.8
85°	13.8	13.6	13.5	13.5	12.4	11.0	10.0	9.1	9.3	9.3	9.2
82.5°	23.4	21.7	20.4	19.3	18.7	17.6	16.2	14.3	12.7	11.8	11.6
80°	38.3	34.2	30.4	27.2	25.3	24.4	23.1	21.1	17.7	15.3	13.9
77.5°	51.5	46.4	41.6	36.7	32.5	29.5	27.7	26.5	22.6	18.7	15.9
75°	63.0	56.5	50.4	44.4	38.8	34.3	30.7	28.0	24.8	21.6	17.9
72.5°	70.9	64.2	57.9	51.1	43.8	37.7	33.1	29.5	26.0	22.7	19.4
70°	76.5	70.2	63.4	55.7	47.9	40.7	34.7	30.6	27.2	23.7	20.2
67.5°	79.9	72.8	66.4	59.4	51.4	43.4	36.0	31.6	28.1	24.6	21.0
65°	71.4	69.9	67.8	60.3	53.2	46.0	38.1	32.8	28.9	25.3	21.7
62.5°	60.6	61.9	60.8	59.0	53.5	46.6	40.0	34.7	29.8	26.0	22.3
60°	47.3	50.8	53.1	52.6	50.9	46.4	40.7	36.4	31.2	26.6	22.8
57.5°	36.7	40.1	43.8	45.9	45.5	43.8	40.9	37.1	32.5	27.5	23.3
55°	27.8	31.8	35.7	38.7	40.1	39.3	39.9	37.2	33.4	28.4	24.1
52.5°	22.4	25.7	29.2	32.6	34.8	35.6	37.1	37.2	33.4	29.1	25.1
50°	18.9	22.6	25.0	27.6	30.3	32.6	34.7	35.4	33.4	29.6	26.1
47.5°	18.9	22.5	24.0	24.3	26.5	30.0	32.4	33.6	33.3	29.5	27.2
45°	22.9	25.4	25.5	24.8	24.4	28.4	30.4	32.1	32.0	30.2	28.3
42.5°	30.8	32.8	30.5	26.4	29.0	27.9	28.7	30.6	30.9	31.0	29.1
40°	47.3	44.4	38.5	37.9	38.1	28.5	28.9	29.3	30.1	31.7	29.9
37.5°	68.9	62.7	52.5	55.9	52.0	40.1	30.1	28.2	30.9	32.3	30.8
35°	103.1	87.1	81.2	80.7	72.3	54.5	31.9	28.4	32.2	33.2	31.7
32.5°	144.0	129.8	123.7	110.6	96.4	71.7	41.7	33.9	34.3	34.3	32.7
30°	197.5	203.7	175.1	143.7	124.3	94.5	62.4	40.9	37.1	35.7	33.7
27.5°	304.0	294.1	238.5	190.4	155.4	122.8	97.8	49.1	40.6	37.5	34.8
25°	444.2	403.2	326.1	246.1	188.5	208.2	142.2	59.5	46.4	40.2	35.9
22.5°	633.4	532.4	424.6	306.8	317.5	316.5	203.7	93.3	53.9	43.2	37.2
20°	853.6	679.3	572.0	530.8	479.0	432.3	286.6	131.9	61.9	46.5	38.6
17.5°	1111.1	1000.0	941.4	804.5	665.9	558.8	381.9	174.2	70.3	50.1	40.0
15°	1730.6	1538.2	1352.6	1106.3	867.9	693.8	486.7	219.2	79.1	53.9	44.0
12.5°	2444.0	2101.0	1795.7	1429.9	1081.5	835.3	598.2	265.8	88.0	62.5	51.5
10°	3171.4	2680.5	2261.4	1767.9	1302.3	980.6	713.0	317.8	108.9	75.1	59.2
7.5°	3903.0	3268.2	2739.3	2112.5	1519.9	1122.8	834.7	379.7	132.0	88.0	67.1
5°	4569.5	3764.3	3127.2	2389.6	1701.3	1257.0	952.6	439.3	155.1	100.8	75.0
2.5°	4965.5	4103.4	3441.9	2643.1	1873.2	1385.5	1062.5	494.8	177.9	113.4	82.8
0°	5328.8	4418.8	3732.7	2876.7	2032.9	1506.8	1161.5	544.9	199.7	125.7	90.4
-2.5°	5300.1	4424.5	3725.5	2911.5	2104.9	1570.1	1204.4	606.2	260.4	169.7	119.4
-5°	5239.0	4403.9	3694.1	2924.1	2161.6	1623.5	1234.7	660.6	318.9	212.5	147.7
-7.5°	4968.6	4242.1	3592.1	2902.7	2202.6	1665.9	1253.9	708.2	374.7	253.5	174.8
-10°	4637.3	3989.9	3394.0	2763.0	2141.1	1661.4	1257.9	749.1	426.9	292.2	200.4
-12.5°	4294.8	3727.9	3188.8	2613.2	2054.5	1615.4	1218.8	765.8	472.9	328.0	224.1
-15°	3947.0	3460.6	2981.7	2457.2	1961.3	1563.3	1176.4	769.4	500.9	357.1	245.6
-17.5°	3617.9	3192.2	2777.1	2298.3	1863.6	1506.1	1132.9	769.5	525.3	379.4	264.1
-20°	3385.5	2970.3	2578.4	2139.7	1763.1	1444.5	1090.1	766.7	545.9	399.1	280.3



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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°	3154.3	2783.5	2407.7	2006.7	1670.2	1379.4	1049.9	761.7	562.5	415.9	294.1
-25°	2921.3	2594.2	2247.4	1901.0	1589.1	1317.0	1023.0	754.9	575.1	429.8	305.4
-27.5°	2703.5	2407.4	2094.0	1795.0	1517.8	1263.8	1006.3	765.3	585.4	440.6	314.3
-30°	2493.8	2238.9	1966.9	1694.8	1443.6	1210.9	989.8	771.3	595.7	449.2	320.4
-32.5°	2350.5	2084.4	1848.9	1608.4	1376.0	1155.3	958.6	772.2	602.0	454.9	325.9
-35°	2239.0	1969.2	1736.3	1520.7	1309.6	1106.3	919.8	767.7	604.3	457.0	329.4
-37.5°	2117.0	1869.0	1639.6	1437.6	1240.8	1053.0	885.9	742.6	602.5	455.4	330.4
-40°	1997.9	1764.3	1549.9	1360.3	1175.7	995.5	848.4	716.3	596.9	450.1	328.9
-42.5°	1869.4	1657.2	1461.2	1280.8	1108.6	949.8	808.1	686.4	572.7	444.1	324.7
-45°	1743.1	1546.4	1368.1	1201.3	1040.4	900.7	770.7	653.0	543.8	436.2	318.4
-47.5°	1611.3	1437.0	1272.6	1116.3	981.8	849.4	729.1	617.6	512.5	424.5	310.0
-50°	1484.3	1325.0	1174.8	1038.1	915.0	798.5	684.3	579.2	483.4	399.4	298.9
-52.5°	1358.6	1213.7	1080.2	958.3	848.6	743.1	638.2	538.6	451.8	372.8	285.0
-55°	1232.7	1104.7	985.8	879.5	779.8	686.0	589.1	499.3	417.7	344.7	268.8
-57.5°	1111.5	994.9	895.4	800.6	710.0	624.7	539.4	457.2	382.9	315.0	251.5
-60°	990.9	896.0	805.8	720.2	638.4	562.5	488.1	413.5	346.8	284.5	228.6
-62.5°	880.3	795.5	714.2	637.3	567.2	500.4	434.8	370.2	309.0	255.6	203.4
-65°	769.8	694.7	620.3	558.6	497.3	439.0	383.4	325.1	274.4	225.9	178.9
-67.5°	660.3	601.4	537.5	480.6	432.8	383.8	331.1	284.4	240.0	195.5	157.6
-70°	575.2	517.3	463.0	418.2	374.9	329.9	287.7	245.4	205.0	171.0	135.8
-72.5°	502.6	455.1	404.2	358.9	324.3	286.6	245.9	207.7	177.6	146.3	113.7
-75°	443.9	396.1	351.7	314.0	279.9	243.2	207.7	177.8	150.0	121.2	94.0
-77.5°	373.2	335.4	300.8	263.4	228.5	197.6	170.8	147.6	121.5	96.6	74.6
-80°	286.5	253.7	223.2	195.4	171.2	150.2	131.2	111.9	90.5	71.4	54.6
-82.5°	182.3	164.2	147.8	132.3	117.5	102.8	88.2	73.8	58.9	45.7	37.8
-85°	102.6	93.0	83.9	75.2	65.1	55.0	48.8	43.0	37.5	32.3	27.5
-87.5°	45.2	43.1	40.9	38.5	35.0	31.7	28.5	25.4	22.5	19.8	17.2
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.6	6.3	6.1	5.8	5.5	5.0	4.4
87.5°	6.7	6.1	5.6	5.2	4.9	4.6	4.4
85°	8.9	7.8	6.9	6.0	5.4	4.8	4.4
82.5°	11.2	9.5	8.1	6.9	5.8	5.0	4.4
80°	13.3	11.2	9.3	7.7	6.3	5.2	4.4
77.5°	14.3	12.5	10.5	8.5	6.8	5.3	4.4
75°	15.3	13.0	11.5	9.2	7.2	5.5	4.4
72.5°	16.1	13.5	11.7	10.0	7.6	5.7	4.4
70°	16.9	14.0	11.8	10.6	8.1	5.9	4.4
67.5°	17.6	14.3	12.0	10.5	8.5	6.1	4.4
65°	18.3	14.8	12.0	10.5	8.9	6.2	4.4
62.5°	19.0	15.4	12.1	10.4	9.2	6.4	4.4
60°	19.6	16.0	12.0	10.3	9.6	6.5	4.4
57.5°	20.3	16.6	12.5	10.1	9.5	6.7	4.4
55°	21.1	17.2	13.0	9.9	9.4	6.8	4.4
52.5°	21.9	17.8	13.5	9.7	9.4	6.9	4.4
50°	22.7	18.5	13.9	9.5	9.3	7.1	4.4
47.5°	23.6	19.3	14.4	9.4	9.2	7.2	4.4
45°	24.5	20.1	14.8	9.7	9.2	7.3	4.4
42.5°	25.4	20.8	15.2	10.0	9.2	7.4	4.4
40°	26.3	21.6	15.7	10.5	9.2	7.5	4.4
37.5°	27.2	22.4	16.3	11.1	9.2	7.5	4.4
35°	28.1	23.1	16.8	11.7	9.2	7.6	4.4
32.5°	28.9	23.8	17.4	12.3	9.2	7.7	4.4
30°	29.7	24.4	17.9	12.9	9.2	7.7	4.4
27.5°	30.5	25.0	19.0	13.4	9.2	7.8	4.4
25°	31.2	25.6	20.2	14.0	9.3	7.8	4.4
22.5°	32.0	26.6	21.4	14.6	9.3	7.8	4.4
20°	32.8	28.7	22.6	15.2	9.4	7.9	4.4
17.5°	35.6	30.8	23.8	15.7	9.5	7.9	4.4
15°	39.9	33.1	24.9	16.3	9.5	7.9	4.4
12.5°	44.4	35.4	26.1	16.8	9.6	7.9	4.4
10°	49.0	37.7	27.2	17.3	9.7	7.8	4.4
7.5°	53.7	39.9	28.2	17.7	9.7	7.8	4.4
5°	58.3	42.1	29.2	18.1	9.8	7.8	4.4
2.5°	62.9	44.3	30.1	18.5	9.8	7.7	4.4
0°	67.3	46.3	30.9	18.8	9.9	7.7	4.4
-2.5°	84.9	56.4	36.1	21.1	10.7	7.9	4.4
-5°	102.0	66.1	41.1	23.3	11.4	8.0	4.4
-7.5°	118.4	75.5	45.9	25.4	12.2	8.2	4.4
-10°	133.9	84.4	50.5	27.4	12.9	8.3	4.4
-12.5°	148.2	92.7	54.7	29.2	13.5	8.4	4.4
-15°	161.2	100.2	58.6	30.9	14.2	8.6	4.4
-17.5°	172.7	106.8	62.0	32.4	14.8	8.7	4.4
-20°	183.4	112.5	64.9	33.7	15.3	8.8	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.3	117.2	67.4	34.7	15.8	8.8	4.4
-25°	203.6	123.1	69.2	35.6	16.2	8.9	4.4
-27.5°	211.1	128.9	70.5	36.1	16.5	8.9	4.4
-30°	216.9	133.5	71.3	36.4	16.8	9.0	4.4
-32.5°	220.8	136.6	73.6	36.4	17.0	9.0	4.4
-35°	223.9	138.4	75.1	36.1	17.2	9.0	4.4
-37.5°	225.4	139.3	75.7	35.5	17.3	8.9	4.4
-40°	224.8	139.6	75.4	34.7	17.2	8.9	4.4
-42.5°	222.1	138.4	74.9	33.8	17.2	8.8	4.4
-45°	217.4	135.8	74.2	33.2	17.0	8.8	4.4
-47.5°	210.6	131.8	72.7	32.3	16.7	8.7	4.4
-50°	203.2	126.4	70.5	31.9	16.4	8.6	4.4
-52.5°	194.0	119.6	67.4	31.6	16.0	8.4	4.4
-55°	182.8	113.5	63.7	30.9	15.5	8.3	4.4
-57.5°	169.8	106.7	59.2	30.0	15.0	8.1	4.4
-60°	155.4	98.8	54.2	28.7	14.4	8.0	4.4
-62.5°	142.7	89.9	50.9	27.1	13.8	7.8	4.4
-65°	128.5	80.0	47.0	25.2	13.2	7.6	4.4
-67.5°	113.1	71.0	42.7	23.1	12.6	7.3	4.4
-70°	96.5	63.1	38.0	20.7	11.9	7.1	4.4
-72.5°	83.0	54.5	32.8	18.9	11.2	6.9	4.4
-75°	69.3	45.3	27.3	17.3	10.5	6.6	4.4
-77.5°	54.9	35.7	23.6	15.5	9.7	6.3	4.4
-80°	39.9	28.8	20.3	13.6	8.9	6.1	4.4
-82.5°	31.2	23.3	16.8	11.7	8.1	5.8	4.4
-85°	23.1	17.7	13.3	9.8	7.2	5.5	4.4
-87.5°	14.9	12.0	9.7	7.8	6.4	5.2	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)