

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: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-7F-CV5-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306011 (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-40-70-7F-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 7F BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

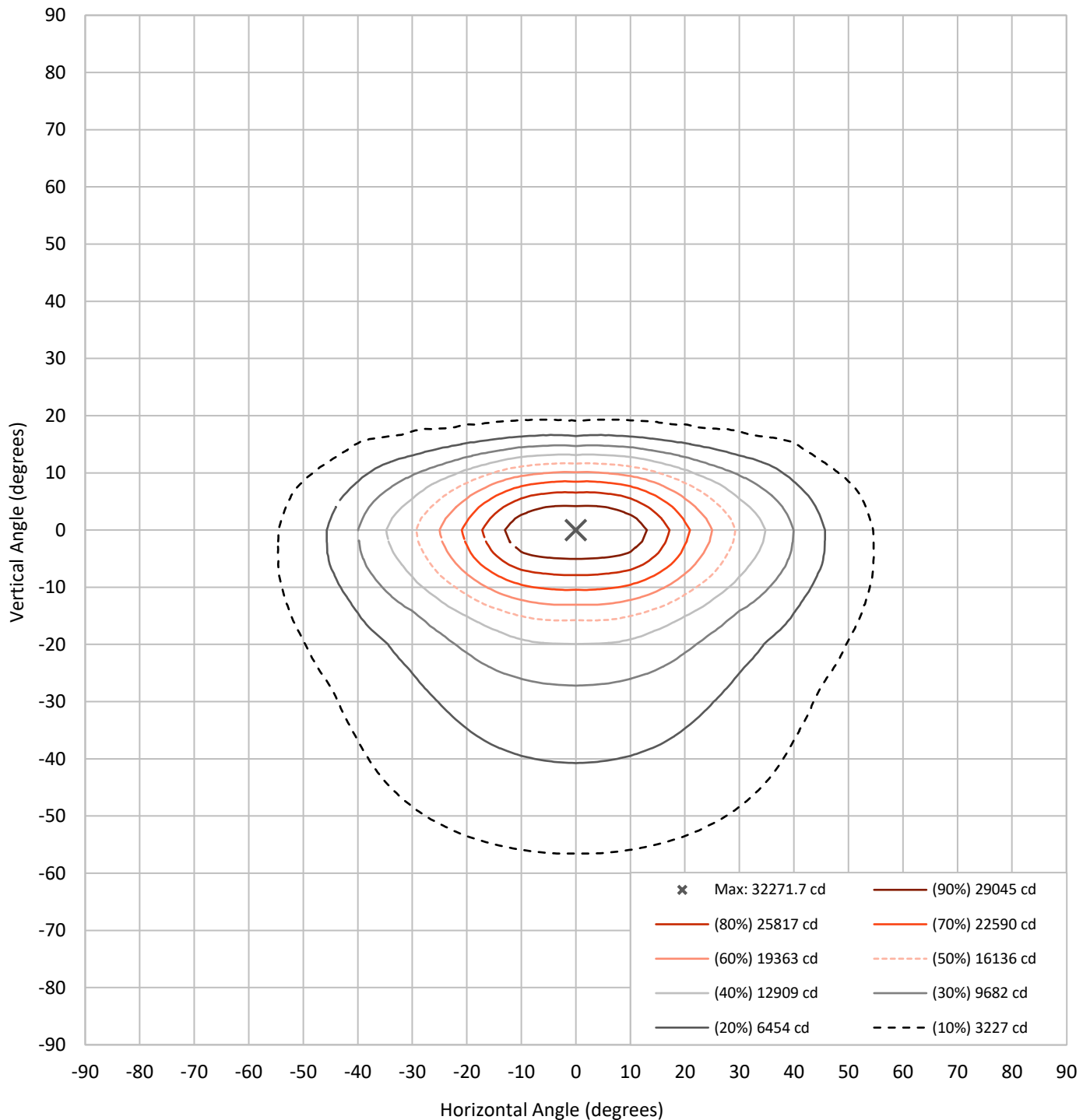
Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	21714.5 lumens	Max Intensity:	32271.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	58.6°H x 27.3°V	Field Angle (10%):	109.1°H x 75.6°V
Beam Lumens:	8572 lumens	Field Lumens:	19109.2 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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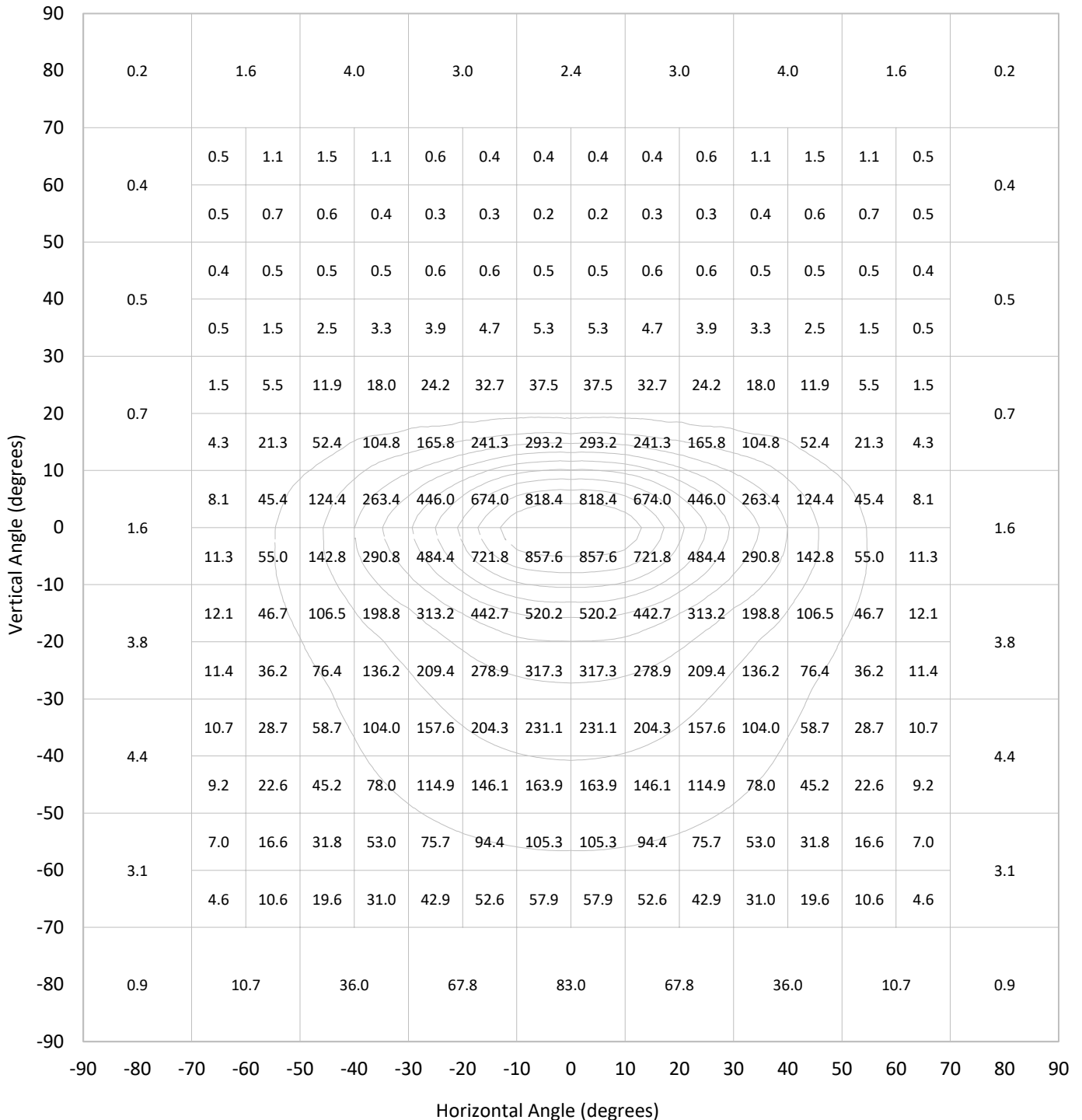
Iso-Candela Plot





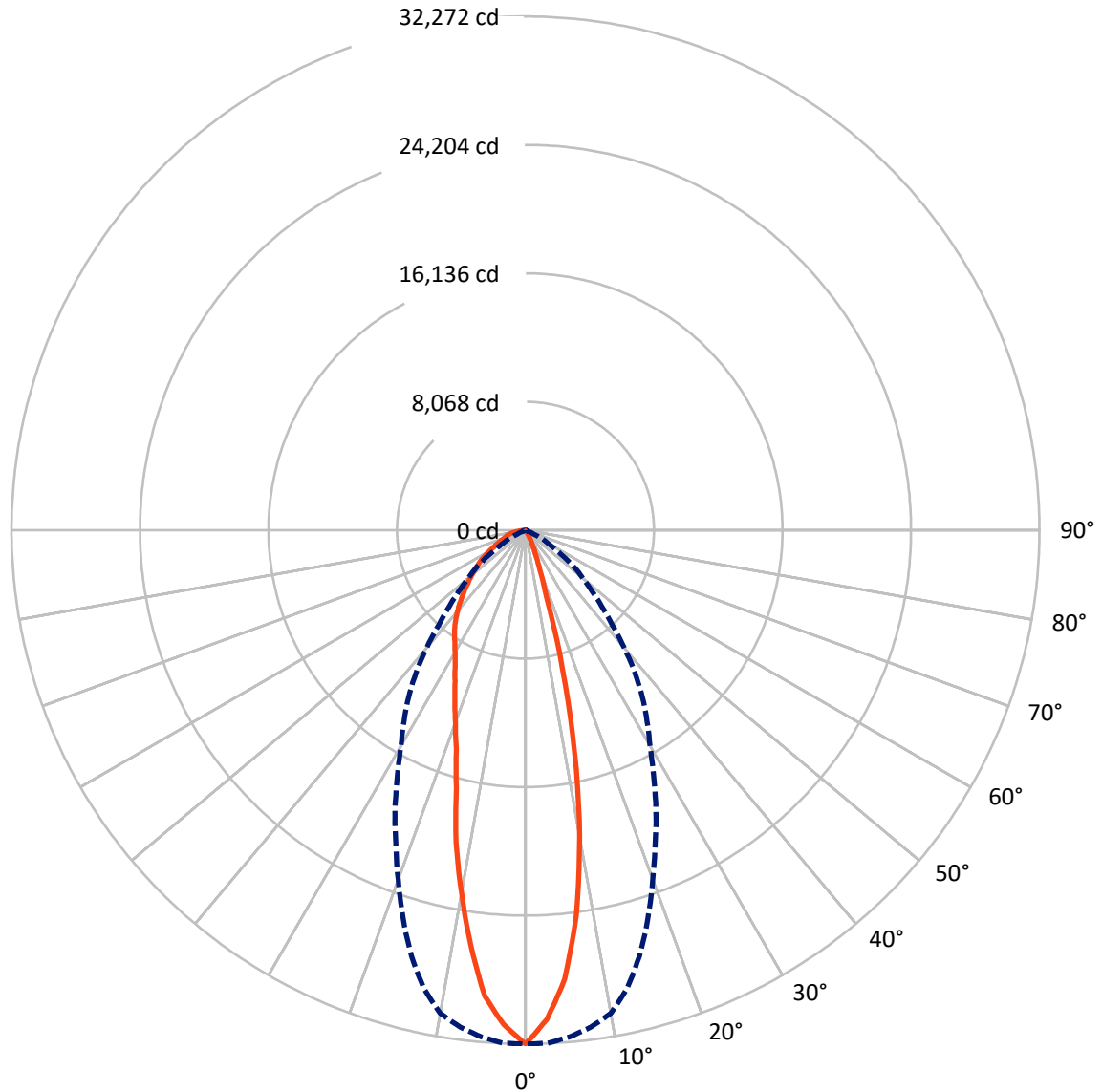
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Lumen Table



REPORT NUMBER: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)
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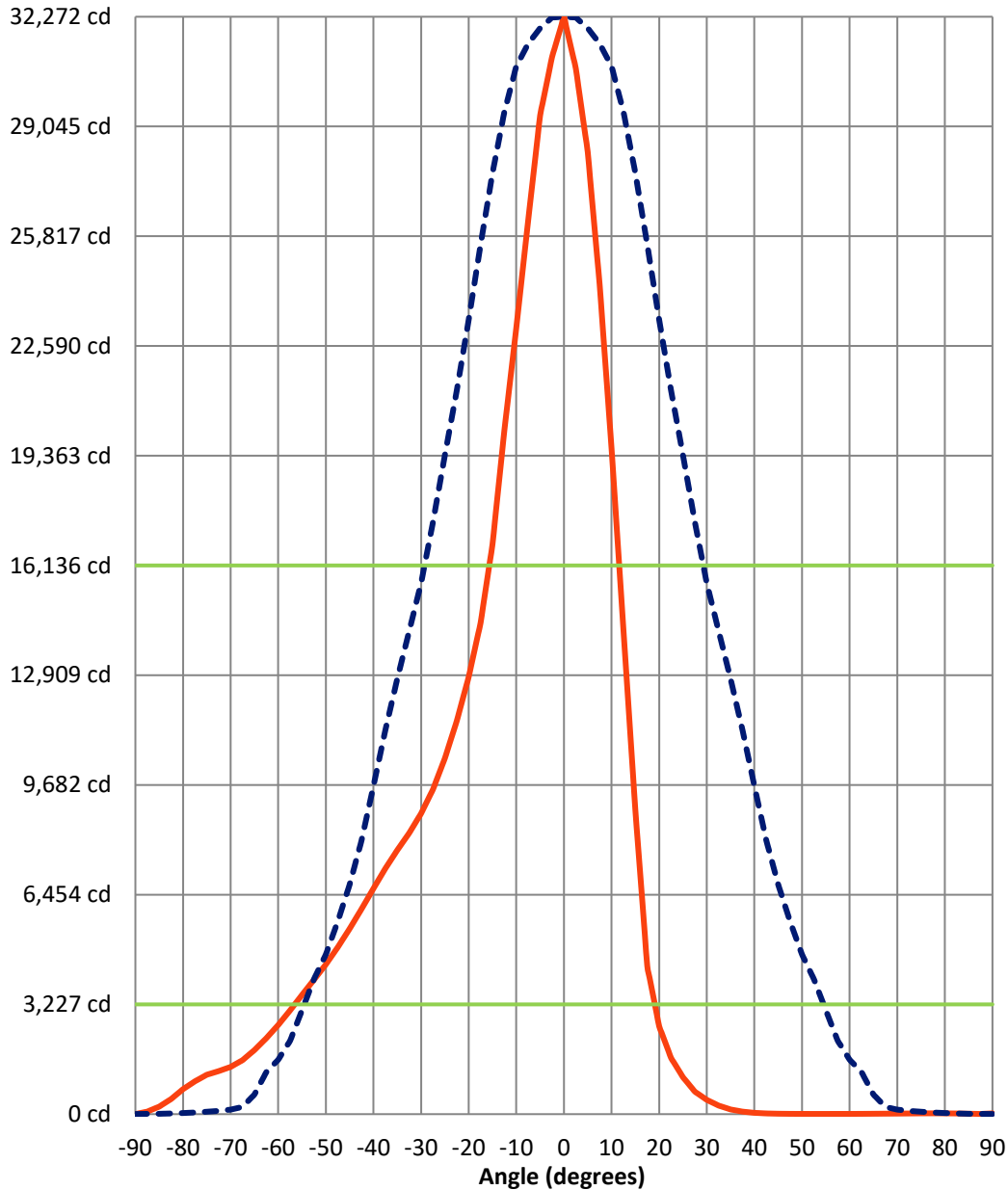
Luminous Intensity Polar Plot



— 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: 8572
 Efficiency: 39.5%

Field:
 H Angle: 109.1°
 V Angle: 75.6°
 Lumens: 19109.2
 Efficiency: 88.0%

Spill:
 Lumens: 2605.3
 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°	4.7	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	5.2	5.6	6.0	6.5	7.1	7.3	7.3	7.3	7.2
85°	4.7	5.1	5.7	6.5	7.3	8.4	9.6	9.8	9.9	9.9	9.7
82.5°	4.7	5.3	6.2	7.3	8.7	10.2	11.9	12.4	12.7	13.6	15.2
80°	4.7	5.5	6.7	8.2	10.0	12.0	14.2	14.8	16.3	18.9	22.4
77.5°	4.7	5.7	7.2	9.0	11.2	13.4	15.3	17.0	19.9	24.0	28.1
75°	4.7	5.9	7.7	9.9	12.3	13.9	16.3	19.1	23.0	26.3	29.8
72.5°	4.7	6.1	8.2	10.7	12.5	14.5	17.3	20.7	24.1	27.7	31.4
70°	4.7	6.3	8.6	11.3	12.6	14.9	18.1	21.5	25.1	28.9	32.6
67.5°	4.7	6.5	9.1	11.3	12.8	15.3	18.8	22.3	26.1	29.8	33.6
65°	4.7	6.6	9.5	11.2	12.9	15.8	19.5	23.0	26.9	30.7	34.9
62.5°	4.7	6.8	9.9	11.1	12.9	16.4	20.2	23.6	27.6	31.7	36.9
60°	4.7	7.0	10.3	11.0	12.9	17.1	20.8	24.2	28.2	33.2	38.8
57.5°	4.7	7.1	10.2	10.8	13.4	17.7	21.6	24.8	29.2	34.5	39.4
55°	4.7	7.3	10.1	10.6	13.9	18.3	22.4	25.6	30.2	35.5	39.5
52.5°	4.7	7.4	10.0	10.4	14.4	18.9	23.3	26.7	31.0	35.5	39.6
50°	4.7	7.5	9.9	10.2	14.9	19.7	24.1	27.8	31.4	35.5	37.6
47.5°	4.7	7.7	9.9	10.0	15.3	20.5	25.1	28.9	31.3	35.3	35.7
45°	4.7	7.8	9.8	10.4	15.7	21.3	26.1	30.0	32.0	34.0	34.1
42.5°	4.7	7.9	9.8	10.7	16.2	22.1	27.0	31.0	32.9	32.8	32.5
40°	4.7	8.0	9.8	11.2	16.7	23.0	28.0	31.8	33.7	32.0	31.1
37.5°	4.7	8.1	9.8	11.8	17.3	23.8	28.9	32.7	34.3	32.8	30.0
35°	4.7	8.1	9.8	12.4	17.9	24.6	29.9	33.7	35.3	34.3	30.1
32.5°	4.7	8.2	9.8	13.0	18.5	25.3	30.7	34.7	36.5	36.5	36.1
30°	4.7	8.3	9.8	13.7	19.0	26.0	31.5	35.8	37.9	39.4	43.5
27.5°	4.7	8.3	9.9	14.3	20.2	26.6	32.4	36.9	39.9	43.1	52.2
25°	4.7	8.3	9.9	14.9	21.5	27.2	33.2	38.2	42.7	49.3	63.3
22.5°	4.7	8.4	10.0	15.5	22.7	28.3	34.0	39.5	45.9	57.2	99.2
20°	4.7	8.4	10.0	16.1	24.0	30.5	34.8	41.0	49.5	65.7	140.2
17.5°	4.7	8.4	10.1	16.7	25.3	32.8	37.8	42.5	53.2	74.7	185.2
15°	4.7	8.4	10.2	17.3	26.5	35.2	42.4	46.8	57.2	84.0	233.1
12.5°	4.7	8.4	10.3	17.8	27.7	37.6	47.2	54.7	66.4	93.5	282.6
10°	4.7	8.4	10.3	18.3	28.8	40.1	52.1	63.0	79.9	115.8	337.9
7.5°	4.7	8.3	10.4	18.8	29.9	42.5	57.0	71.4	93.5	140.3	403.8
5°	4.7	8.3	10.5	19.2	31.0	44.9	62.0	79.8	107.2	164.9	467.0
2.5°	4.7	8.2	10.5	19.6	31.9	47.1	66.8	88.1	120.6	189.1	526.1
0°	4.7	8.2	10.6	19.9	32.8	49.3	71.5	96.2	133.7	212.3	579.3
-2.5°	4.7	8.4	11.4	22.3	38.3	60.0	90.2	127.0	180.4	276.8	644.5
-5°	4.7	8.5	12.2	24.7	43.7	70.4	108.4	157.1	225.9	339.0	702.3
-7.5°	4.7	8.7	13.0	27.0	48.8	80.3	125.8	185.9	269.6	398.3	752.9
-10°	4.7	8.8	13.7	29.1	53.7	89.8	142.3	213.1	310.7	453.8	796.4
-12.5°	4.7	9.0	14.4	31.1	58.2	98.5	157.5	238.3	348.7	502.8	814.1
-15°	4.7	9.1	15.1	32.9	62.3	106.5	171.4	261.1	379.7	532.5	817.9
-17.5°	4.7	9.2	15.7	34.5	65.9	113.6	183.5	280.8	403.4	558.4	818.0
-20°	4.7	9.3	16.3	35.8	69.1	119.6	195.0	297.9	424.2	580.3	815.1



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 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	9.4	16.8	37.0	71.7	124.6	206.6	312.6	442.1	598.0	809.7
-25°	4.7	9.5	17.2	37.8	73.6	131.0	216.4	324.7	456.9	611.4	802.6
-27.5°	4.7	9.5	17.6	38.4	75.0	137.1	224.4	334.1	468.4	622.4	813.6
-30°	4.7	9.5	17.9	38.7	75.9	141.9	230.6	340.6	477.6	633.3	820.1
-32.5°	4.7	9.6	18.1	38.7	78.4	145.3	234.7	346.4	483.6	640.0	820.9
-35°	4.7	9.6	18.3	38.4	79.9	147.2	238.0	350.2	485.9	642.5	816.2
-37.5°	4.7	9.5	18.4	37.8	80.6	148.1	239.6	351.3	484.1	640.6	789.5
-40°	4.7	9.5	18.3	36.8	80.2	148.4	239.0	349.6	478.5	634.7	761.6
-42.5°	4.7	9.4	18.2	35.9	79.7	147.2	236.2	345.2	472.0	608.9	729.7
-45°	4.7	9.3	18.1	35.3	78.9	144.5	231.1	338.5	463.6	578.1	694.3
-47.5°	4.7	9.3	17.8	34.3	77.3	140.2	223.9	329.5	451.3	544.8	656.6
-50°	4.7	9.1	17.5	33.9	74.9	134.4	216.0	317.7	424.6	513.9	615.8
-52.5°	4.7	9.0	17.0	33.6	71.7	127.2	206.2	303.0	396.3	480.3	572.6
-55°	4.7	8.8	16.5	32.9	67.7	120.8	194.4	285.7	366.4	444.0	530.9
-57.5°	4.7	8.7	16.0	31.8	62.9	113.5	180.5	267.4	334.9	407.1	486.0
-60°	4.7	8.5	15.3	30.5	57.6	105.1	165.2	243.0	302.4	368.7	439.7
-62.5°	4.7	8.3	14.7	28.8	54.0	95.6	151.7	216.2	271.7	328.5	393.6
-65°	4.7	8.1	14.1	26.8	50.0	85.0	136.6	190.2	240.2	291.6	345.6
-67.5°	4.7	7.8	13.4	24.5	45.4	75.5	120.2	167.5	207.8	255.2	302.4
-70°	4.7	7.6	12.7	22.0	40.3	67.0	102.6	144.4	181.8	217.9	260.9
-72.5°	4.7	7.3	12.0	20.1	34.9	57.9	88.2	120.9	155.5	188.8	220.8
-75°	4.7	7.1	11.2	18.4	29.0	48.2	73.7	99.9	128.8	159.5	189.0
-77.5°	4.7	6.8	10.3	16.5	25.1	37.9	58.3	79.3	102.7	129.2	156.9
-80°	4.7	6.5	9.5	14.5	21.6	30.6	42.4	58.1	76.0	96.3	119.0
-82.5°	4.7	6.2	8.6	12.5	17.9	24.8	33.1	40.1	48.6	62.7	78.5
-85°	4.7	5.9	7.7	10.4	14.1	18.8	24.5	29.3	34.4	39.9	45.8
-87.5°	4.7	5.6	6.8	8.3	10.3	12.8	15.8	18.3	21.0	23.9	27.0
-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: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.5	8.8	9.1	9.4	10.3	11.2	12.0	12.9	14.4	15.9	17.3
87.5°	7.7	8.2	8.8	9.4	9.0	8.5	7.9	7.2	7.7	8.3	8.9
85°	10.7	11.7	13.2	14.4	14.4	14.4	14.6	15.0	16.0	16.9	17.5
82.5°	17.2	18.8	19.9	20.6	21.6	23.0	24.9	27.6	29.1	30.1	30.7
80°	24.5	25.9	26.9	28.9	32.3	36.4	40.8	45.5	47.1	47.2	46.7
77.5°	29.4	31.3	34.6	39.0	44.2	49.3	54.8	60.6	62.3	62.0	61.1
75°	32.6	36.4	41.2	47.2	53.6	60.1	67.0	73.3	75.1	73.3	70.8
72.5°	35.1	40.1	46.6	54.5	61.6	68.3	75.4	82.9	85.5	81.4	76.3
70°	36.9	43.3	51.0	59.2	67.4	74.6	81.3	88.6	92.7	85.7	75.6
67.5°	38.4	46.2	54.6	63.1	70.5	77.4	85.0	87.3	88.4	77.8	66.9
65°	40.5	48.9	56.6	64.1	72.0	74.3	76.0	77.6	75.9	63.9	52.1
62.5°	42.6	49.6	56.9	62.7	64.6	65.8	64.5	61.3	57.2	48.8	39.2
60°	43.2	49.4	54.1	55.9	56.5	54.0	50.3	46.6	42.2	35.3	28.7
57.5°	43.4	46.6	48.4	48.8	46.5	42.6	39.0	34.2	30.5	26.1	20.8
55°	42.4	41.8	42.7	41.2	38.0	33.8	29.5	26.2	21.9	19.3	16.1
52.5°	39.5	37.8	37.1	34.7	31.0	27.2	23.7	20.6	18.1	15.2	13.2
50°	36.9	34.7	32.2	29.3	26.5	24.0	20.1	17.8	15.7	13.5	11.7
47.5°	34.5	31.9	28.2	25.8	25.5	23.9	20.1	16.6	14.7	14.7	13.0
45°	32.4	30.1	25.9	26.3	27.1	27.0	24.3	16.3	18.1	18.5	17.5
42.5°	30.5	29.6	30.8	28.0	32.4	34.8	32.7	27.3	24.3	26.9	28.0
40°	30.7	30.3	40.5	40.2	40.9	47.2	50.3	46.4	35.8	42.4	45.4
37.5°	32.0	42.6	55.3	59.4	55.7	66.6	73.2	77.7	69.3	63.9	73.3
35°	34.0	58.0	76.9	85.8	86.3	92.6	109.6	116.6	111.0	102.5	110.0
32.5°	44.4	76.3	102.5	117.6	131.5	137.9	153.1	160.3	166.4	166.4	163.2
30°	66.4	100.6	132.1	152.8	186.2	216.6	210.0	211.5	233.9	256.8	267.9
27.5°	104.0	130.6	165.2	202.4	253.5	312.6	323.2	293.2	323.7	365.9	403.3
25°	151.3	221.4	200.4	261.7	346.7	428.7	472.2	493.0	451.3	512.7	601.3
22.5°	216.7	336.5	337.6	326.2	451.4	566.0	673.4	776.2	829.5	762.8	854.8
20°	304.8	459.6	509.2	564.3	608.1	722.2	907.5	1132.1	1337.7	1454.0	1400.6
17.5°	406.0	594.0	707.9	855.2	1000.9	1063.2	1181.2	1548.9	1948.0	2287.8	2470.4
15°	517.5	737.6	922.7	1176.2	1438.0	1635.3	1839.9	2155.8	2682.6	3263.9	3729.3
12.5°	636.0	888.0	1149.7	1520.1	1909.1	2233.6	2598.3	3078.7	3686.5	4411.6	5169.6
10°	758.1	1042.5	1384.5	1879.4	2404.2	2849.7	3371.6	4001.7	4777.8	5681.3	6634.0
7.5°	887.4	1193.7	1615.8	2245.8	2912.2	3474.5	4149.3	4916.1	5857.9	6931.8	8080.4
5°	1012.7	1336.3	1808.7	2540.4	3324.6	4001.8	4857.9	5809.4	6913.7	8149.0	9502.6
2.5°	1129.6	1472.9	1991.4	2810.0	3659.2	4362.3	5278.9	6302.0	7547.7	9004.2	10569.7
0°	1234.8	1601.9	2161.2	3058.3	3968.3	4697.7	5665.1	6753.4	8051.5	9649.8	11295.1
-2.5°	1280.4	1669.2	2237.7	3095.3	3960.6	4703.8	5634.6	6744.8	7996.7	9520.6	11134.4
-5°	1312.7	1725.9	2298.0	3108.7	3927.4	4681.8	5569.6	6685.2	7822.6	9178.0	10623.9
-7.5°	1333.1	1771.1	2341.6	3085.9	3818.9	4509.9	5282.2	6232.4	7269.5	8476.0	9748.9
-10°	1337.3	1766.2	2276.2	2937.4	3608.2	4241.8	4930.0	5755.2	6682.5	7737.7	8844.4
-12.5°	1295.8	1717.3	2184.1	2778.2	3390.1	3963.2	4565.9	5266.9	6070.6	6977.7	7957.5
-15°	1250.7	1662.0	2085.1	2612.3	3169.9	3679.1	4196.2	4777.6	5490.6	6317.0	7162.0
-17.5°	1204.4	1601.1	1981.2	2443.3	2952.5	3393.6	3846.3	4398.5	5037.4	5733.8	6421.5
-20°	1158.9	1535.7	1874.3	2274.7	2741.2	3157.8	3599.2	4084.4	4620.8	5188.3	5735.0



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 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1116.2	1466.5	1775.5	2133.2	2559.7	2959.1	3353.4	3770.3	4214.4	4673.9	5250.9
-25°	1087.6	1400.1	1689.3	2021.0	2389.2	2757.9	3105.6	3464.1	3846.4	4354.7	4889.0
-27.5°	1069.8	1343.6	1613.6	1908.3	2226.1	2559.4	2874.1	3190.3	3616.5	4073.8	4546.7
-30°	1052.4	1287.3	1534.7	1801.8	2091.1	2380.2	2651.1	3008.3	3405.7	3824.2	4244.7
-32.5°	1019.1	1228.3	1462.8	1710.0	1965.6	2216.0	2498.9	2850.1	3214.6	3582.5	3962.1
-35°	977.9	1176.2	1392.3	1616.6	1845.9	2093.5	2380.3	2689.4	3024.4	3366.6	3741.2
-37.5°	941.9	1119.5	1319.2	1528.4	1743.2	1987.0	2250.6	2539.5	2844.7	3164.8	3522.5
-40°	901.9	1058.3	1249.9	1446.1	1647.7	1875.7	2124.0	2386.5	2667.4	2973.5	3294.5
-42.5°	859.1	1009.8	1178.6	1361.7	1553.4	1761.8	1987.4	2234.3	2496.3	2774.9	3069.0
-45°	819.4	957.5	1106.1	1277.1	1454.4	1644.0	1853.1	2074.8	2323.1	2579.6	2844.5
-47.5°	775.2	903.0	1043.7	1186.7	1352.9	1527.6	1713.0	1922.7	2142.2	2380.3	2624.9
-50°	727.5	848.9	972.8	1103.6	1248.9	1408.7	1578.0	1766.7	1969.8	2177.8	2397.8
-52.5°	678.5	790.0	902.1	1018.7	1148.4	1290.3	1444.3	1611.3	1794.0	1984.8	2174.7
-55°	626.3	729.3	829.0	935.0	1048.0	1174.4	1310.5	1459.3	1612.7	1786.4	1953.7
-57.5°	573.5	664.2	754.9	851.1	951.9	1057.7	1181.6	1307.7	1446.0	1588.8	1728.1
-60°	518.9	598.0	678.7	765.6	856.6	952.5	1053.4	1165.9	1283.0	1398.7	1521.4
-62.5°	462.3	532.0	603.1	677.5	759.3	845.7	935.8	1029.6	1126.2	1226.7	1325.9
-65°	407.6	466.8	528.7	593.9	659.5	738.6	818.4	897.3	981.7	1063.1	1142.6
-67.5°	351.9	408.0	460.2	511.0	571.5	639.4	702.0	773.5	844.3	911.2	975.9
-70°	305.8	350.7	398.6	444.6	492.2	550.0	611.4	668.3	721.8	778.0	838.6
-72.5°	261.4	304.7	344.7	381.5	429.8	483.8	534.3	581.2	632.2	685.6	734.6
-75°	220.8	258.5	297.6	333.8	373.9	421.1	472.0	519.8	563.1	606.3	651.0
-77.5°	181.6	210.0	242.9	280.0	319.8	356.5	396.7	440.0	480.6	521.7	565.4
-80°	139.5	159.7	182.0	207.7	237.3	269.7	304.5	341.5	373.9	403.7	433.2
-82.5°	93.8	109.3	124.9	140.6	157.2	174.6	193.9	217.4	238.5	259.5	281.0
-85°	52.0	58.5	69.2	80.0	89.2	98.9	109.1	119.8	129.8	139.6	149.1
-87.5°	30.3	33.7	37.3	41.0	43.5	45.8	48.1	50.2	53.1	55.8	58.5
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	18.8	19.1	19.4	19.6	19.9	20.8	21.7	22.6	23.5	23.2	22.9
87.5°	9.5	9.4	9.2	9.0	8.8	9.7	10.6	11.6	12.5	11.5	10.4
85°	18.1	18.1	18.1	18.1	17.9	19.2	20.4	21.6	22.8	21.0	19.1
82.5°	30.9	30.4	29.3	27.8	26.0	25.6	25.1	24.4	23.5	22.6	21.6
80°	45.9	43.7	40.9	37.6	33.9	31.9	30.1	28.0	25.7	25.0	24.5
77.5°	59.2	55.2	50.4	45.1	39.5	36.1	33.3	30.3	27.2	26.6	26.3
75°	67.7	62.5	55.4	48.1	40.6	35.8	32.4	29.0	25.7	24.7	24.3
72.5°	70.2	63.0	54.8	45.6	36.8	31.2	28.0	25.1	22.5	21.5	20.9
70°	65.7	56.1	47.0	38.2	30.0	24.8	22.6	20.7	19.0	18.3	18.0
67.5°	55.5	45.5	36.9	29.5	23.6	19.8	18.5	17.4	16.3	15.6	15.2
65°	42.2	34.3	28.1	23.2	19.4	17.0	16.0	15.0	14.1	13.3	12.8
62.5°	31.0	25.3	21.6	18.8	16.6	15.0	14.0	13.2	12.5	11.9	11.5
60°	23.4	19.5	17.2	15.4	14.0	13.0	12.4	11.8	11.3	10.9	10.4
57.5°	17.9	15.5	13.8	12.9	12.3	11.8	11.4	10.8	10.3	9.8	9.3
55°	14.1	12.9	11.9	11.6	11.4	11.0	10.5	10.0	9.4	8.7	8.1
52.5°	11.8	11.7	11.7	11.5	11.2	10.9	10.5	9.8	9.1	8.3	7.9
50°	11.7	11.8	11.8	11.6	11.3	11.0	10.6	10.1	9.6	9.1	8.8
47.5°	12.2	12.3	13.0	11.9	11.7	12.0	11.8	11.4	11.2	11.0	10.7
45°	14.3	16.8	17.4	16.5	14.5	16.1	15.6	13.8	14.8	14.7	13.8
42.5°	25.5	28.1	30.2	28.9	24.7	26.1	26.1	23.3	24.1	24.2	23.1
40°	48.6	47.7	51.0	49.7	45.2	43.5	45.4	42.2	41.6	43.2	41.3
37.5°	80.1	80.6	79.1	79.3	77.7	73.3	75.9	75.0	72.4	77.4	78.0
35°	125.2	129.0	116.8	121.6	123.7	119.0	122.0	130.5	125.0	136.8	140.0
32.5°	185.6	193.6	187.8	182.3	191.5	198.8	202.3	220.4	225.2	235.9	248.5
30°	260.0	280.9	297.5	287.1	286.0	311.9	326.9	351.2	374.8	388.9	414.8
27.5°	415.0	408.6	447.8	459.4	433.6	475.1	531.3	542.1	613.9	619.7	669.9
25°	655.9	652.5	664.3	721.3	735.7	756.5	853.1	904.2	986.5	1031.0	1069.5
22.5°	979.3	1070.7	1086.2	1060.1	1185.2	1267.0	1294.0	1440.9	1508.1	1608.5	1638.6
20°	1383.8	1596.4	1865.0	1869.2	1817.7	2053.4	2151.1	2228.3	2392.5	2506.9	2584.4
17.5°	2444.3	2442.7	2991.3	3294.3	3260.0	3429.7	3909.8	3860.3	4248.2	4483.4	4493.3
15°	4000.8	4290.9	4639.1	5188.8	5656.6	6033.7	6489.6	7085.2	7567.5	8134.1	8564.1
12.5°	5781.5	6352.8	6948.7	7575.7	8309.9	9143.8	10050.6	10844.5	11789.0	12615.4	13470.0
10°	7565.7	8470.6	9311.5	10248.6	11292.2	12402.9	13732.9	14894.8	16291.9	17517.2	18322.7
7.5°	9201.7	10287.2	11423.7	12785.9	14242.5	15637.3	17142.9	18772.7	20407.1	21822.9	23025.0
5°	10800.8	12021.1	13280.7	14781.2	16445.9	18193.5	20056.6	21984.2	23696.8	25309.5	26713.2
2.5°	12055.2	13453.1	14892.1	16588.9	18379.8	20150.9	22016.0	24091.0	26082.8	27968.9	29411.0
0°	12800.8	14203.3	15615.2	17412.9	19379.4	21282.7	23361.8	25571.1	27673.7	29477.2	30814.1
-2.5°	12503.8	13869.9	15296.5	17072.5	18967.1	20740.5	22727.0	24867.1	26903.5	28730.2	30117.7
-5°	11832.3	13057.9	14365.7	16007.8	17780.3	19542.1	21489.7	23525.5	25282.3	26903.7	28147.6
-7.5°	10888.0	12018.7	13238.4	14758.7	16388.6	17927.2	19519.2	21161.6	22760.3	24147.0	25170.5
-10°	9885.2	10908.7	11958.6	13177.8	14566.9	15909.9	17253.1	18751.1	20068.7	21213.5	22057.6
-12.5°	8879.5	9720.3	10548.5	11480.8	12672.8	13881.4	15043.1	16299.3	17348.8	18293.1	19044.1
-15°	7914.1	8568.7	9197.1	10099.5	11149.1	12041.7	12756.5	13894.3	14606.7	15446.3	15971.3
-17.5°	7016.8	7539.5	8303.3	9078.9	9827.8	10561.3	11386.1	12059.8	12759.0	13444.8	13896.0
-20°	6310.8	6957.3	7602.9	8233.7	8877.0	9577.2	10230.1	10866.7	11476.1	12003.1	12364.8



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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°	5851.2	6425.2	6968.6	7536.3	8162.9	8750.9	9302.6	9888.7	10409.8	10803.3	11097.6
-25°	5410.0	5909.0	6437.8	7005.7	7536.0	8030.9	8538.8	8991.3	9436.0	9763.6	10039.1
-27.5°	5012.2	5485.7	6006.6	6510.0	6982.6	7445.1	7876.8	8251.7	8622.1	8884.2	9158.0
-30°	4666.2	5145.8	5619.6	6067.1	6511.0	6930.1	7310.7	7666.6	7977.4	8232.7	8462.2
-32.5°	4404.9	4839.8	5261.7	5680.4	6101.1	6487.4	6820.7	7162.4	7448.4	7693.2	7901.1
-35°	4146.5	4555.4	4945.4	5329.0	5716.3	6088.8	6411.4	6709.0	6990.5	7209.5	7400.1
-37.5°	3894.5	4275.9	4636.7	4981.7	5336.0	5679.3	5973.6	6253.2	6504.9	6707.3	6888.0
-40°	3640.7	3990.0	4312.6	4634.0	4952.4	5240.1	5516.7	5774.2	5989.8	6176.4	6340.9
-42.5°	3378.5	3686.0	3977.0	4271.2	4561.9	4816.5	5060.7	5292.0	5475.5	5640.9	5783.3
-45°	3115.2	3385.8	3652.4	3916.7	4156.0	4391.1	4612.3	4807.7	4973.1	5119.6	5243.1
-47.5°	2861.8	3091.8	3335.7	3576.7	3782.3	3983.6	4177.1	4342.7	4486.4	4614.5	4723.2
-50°	2608.6	2813.9	3026.6	3233.4	3422.0	3598.6	3760.8	3905.5	4036.5	4147.2	4240.4
-52.5°	2357.9	2548.5	2730.4	2898.6	3069.9	3232.2	3383.2	3509.7	3624.4	3726.9	3809.0
-55°	2118.6	2287.2	2457.2	2600.4	2738.9	2874.2	2999.8	3112.8	3216.8	3310.9	3384.6
-57.5°	1877.2	2024.2	2166.3	2294.7	2419.0	2538.3	2640.1	2728.7	2811.7	2887.7	2952.7
-60°	1644.2	1766.7	1886.8	1993.9	2097.4	2196.7	2283.4	2358.8	2425.6	2484.6	2537.8
-62.5°	1425.4	1530.7	1626.4	1712.9	1793.9	1874.8	1948.8	2014.0	2070.6	2119.1	2160.8
-65°	1224.4	1311.4	1387.9	1459.6	1526.8	1595.1	1654.4	1708.0	1755.6	1795.7	1827.8
-67.5°	1045.6	1113.7	1177.4	1232.9	1290.1	1348.1	1401.8	1448.7	1489.1	1521.1	1546.1
-70°	894.7	949.9	1007.0	1062.4	1116.8	1166.7	1213.1	1254.6	1291.6	1319.1	1341.1
-72.5°	779.6	826.2	878.8	934.6	986.3	1035.9	1083.2	1127.1	1168.0	1194.3	1214.7
-75°	697.0	745.0	792.1	838.6	884.4	928.1	972.0	1016.9	1062.2	1088.9	1110.3
-77.5°	605.7	639.3	674.4	712.3	752.7	791.8	830.1	867.9	904.9	923.5	937.7
-80°	464.3	491.2	517.6	544.3	571.1	598.6	626.4	653.9	681.0	693.5	702.9
-82.5°	302.6	321.1	338.6	355.5	371.7	385.5	398.3	410.3	421.4	426.8	430.5
-85°	158.5	166.6	174.3	181.6	188.4	192.6	196.2	199.3	201.8	205.2	208.1
-87.5°	61.1	63.3	65.6	67.8	69.9	71.0	71.9	72.7	73.3	74.4	75.4
-90°	4.7	4.4	4.1	3.8	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°	22.6	22.3	22.9	23.5	22.9	22.3	22.6	22.9	23.2	23.5	22.6
87.5°	9.3	8.2	7.6	7.0	7.6	8.2	9.3	10.4	11.5	12.5	11.6
85°	17.2	15.2	14.0	12.9	14.0	15.2	17.2	19.1	21.0	22.8	21.6
82.5°	20.7	19.9	19.9	19.9	19.9	19.9	20.7	21.6	22.6	23.5	24.4
80°	24.0	23.5	23.5	23.5	23.5	23.5	24.0	24.5	25.0	25.7	28.0
77.5°	26.0	25.8	25.2	24.6	25.2	25.8	26.0	26.3	26.6	27.2	30.3
75°	23.9	23.6	23.5	23.5	23.5	23.6	23.9	24.3	24.7	25.7	29.0
72.5°	20.5	20.0	19.9	19.9	19.9	20.0	20.5	20.9	21.5	22.5	25.1
70°	17.8	17.7	17.1	16.4	17.1	17.7	17.8	18.0	18.3	19.0	20.7
67.5°	14.7	14.3	14.1	14.1	14.1	14.3	14.7	15.2	15.6	16.3	17.4
65°	12.3	11.9	11.7	11.7	11.7	11.9	12.3	12.8	13.3	14.1	15.0
62.5°	11.1	10.7	10.1	9.4	10.1	10.7	11.1	11.5	11.9	12.5	13.2
60°	10.0	9.6	8.9	8.2	8.9	9.6	10.0	10.4	10.9	11.3	11.8
57.5°	8.8	8.4	8.2	8.2	8.2	8.4	8.8	9.3	9.8	10.3	10.8
55°	7.7	7.2	7.0	7.0	7.0	7.2	7.7	8.1	8.7	9.4	10.0
52.5°	7.5	7.2	7.0	7.0	7.0	7.2	7.5	7.9	8.3	9.1	9.8
50°	8.6	8.3	8.2	8.2	8.2	8.3	8.6	8.8	9.1	9.6	10.1
47.5°	10.3	9.7	9.4	9.4	9.4	9.7	10.3	10.7	11.0	11.2	11.4
45°	13.5	13.1	12.8	12.9	12.8	13.1	13.5	13.8	14.7	14.8	13.8
42.5°	23.3	22.7	21.8	21.1	21.8	22.7	23.3	23.1	24.2	24.1	23.3
40°	41.4	40.6	39.2	38.7	39.2	40.6	41.4	41.3	43.2	41.6	42.2
37.5°	79.1	78.5	75.9	75.1	75.9	78.5	79.1	78.0	77.4	72.4	75.0
35°	139.8	140.8	138.4	138.4	138.4	140.8	139.8	140.0	136.8	125.0	130.5
32.5°	252.7	255.4	248.3	252.1	248.3	255.4	252.7	248.5	235.9	225.2	220.4
30°	414.0	423.2	419.1	421.0	419.1	423.2	414.0	414.8	388.9	374.8	351.2
27.5°	674.9	681.7	667.5	662.6	667.5	681.7	674.9	669.9	619.7	613.9	542.1
25°	1091.2	1095.5	1081.7	1087.1	1081.7	1095.5	1091.2	1069.5	1031.0	986.5	904.2
22.5°	1699.9	1683.6	1668.1	1653.5	1668.1	1683.6	1699.9	1638.6	1608.5	1508.1	1440.9
20°	2656.5	2619.0	2613.9	2585.7	2613.9	2619.0	2656.5	2584.4	2506.9	2392.5	2228.3
17.5°	4733.1	4801.2	4650.0	4357.6	4650.0	4801.2	4733.1	4493.3	4483.4	4248.2	3860.3
15°	8817.4	9137.5	9274.9	8939.2	9274.9	9137.5	8817.4	8564.1	8134.1	7567.5	7085.2
12.5°	13941.8	14167.1	14439.9	14240.8	14439.9	14167.1	13941.8	13470.0	12615.4	11789.0	10844.5
10°	19014.6	19351.9	19764.9	19578.8	19764.9	19351.9	19014.6	18322.7	17517.2	16291.9	14894.8
7.5°	23686.6	24267.7	24630.6	24397.3	24630.6	24267.7	23686.6	23025.0	21822.9	20407.1	18772.7
5°	27673.9	28133.3	28352.1	28291.7	28352.1	28133.3	27673.9	26713.2	25309.5	23696.8	21984.2
2.5°	30230.9	30715.9	30911.9	30749.0	30911.9	30715.9	30230.9	29411.0	27968.9	26082.8	24091.0
0°	31480.7	31935.1	32247.0	32271.7	32247.0	31935.1	31480.7	30814.1	29477.2	27673.7	25571.1
-2.5°	30758.4	31034.6	31183.9	31084.4	31183.9	31034.6	30758.4	30117.7	28730.2	26903.5	24867.1
-5°	28866.9	29158.8	29253.6	29369.3	29253.6	29158.8	28866.9	28147.6	26903.7	25282.3	23525.5
-7.5°	25746.3	26066.6	26302.8	26292.9	26302.8	26066.6	25746.3	25170.5	24147.0	22760.3	21161.6
-10°	22685.4	22923.4	23169.8	23128.4	23169.8	22923.4	22685.4	22057.6	21213.5	20068.7	18751.1
-12.5°	19651.9	20049.0	20145.4	20116.5	20145.4	20049.0	19651.9	19044.1	18293.1	17348.8	16299.3
-15°	16569.0	16863.1	16839.0	16760.9	16839.0	16863.1	16569.0	15971.3	15446.3	14606.7	13894.3
-17.5°	14286.4	14448.6	14510.6	14449.6	14510.6	14448.6	14286.4	13896.0	13444.8	12759.0	12059.8
-20°	12662.2	12787.6	12829.8	12858.3	12829.8	12787.6	12662.2	12364.8	12003.1	11476.1	10866.7



REPORT NUMBER: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11351.1	11479.1	11516.2	11564.8	11516.2	11479.1	11351.1	11097.6	10803.3	10409.8	9888.7
-25°	10251.5	10376.6	10419.0	10467.2	10419.0	10376.6	10251.5	10039.1	9763.6	9436.0	8991.3
-27.5°	9341.7	9463.8	9514.7	9551.3	9514.7	9463.8	9341.7	9158.0	8884.2	8622.1	8251.7
-30°	8625.3	8745.5	8818.3	8841.9	8818.3	8745.5	8625.3	8462.2	8232.7	7977.4	7666.6
-32.5°	8056.8	8161.8	8230.2	8264.9	8230.2	8161.8	8056.8	7901.1	7693.2	7448.4	7162.4
-35°	7550.6	7656.0	7727.0	7763.0	7727.0	7656.0	7550.6	7400.1	7209.5	6990.5	6709.0
-37.5°	7032.8	7147.6	7222.7	7224.8	7222.7	7147.6	7032.8	6888.0	6707.3	6504.9	6253.2
-40°	6461.7	6552.7	6612.3	6636.1	6612.3	6552.7	6461.7	6340.9	6176.4	5989.8	5774.2
-42.5°	5888.8	5966.1	6014.4	6034.5	6014.4	5966.1	5888.8	5783.3	5640.9	5475.5	5292.0
-45°	5341.8	5419.8	5460.1	5454.1	5460.1	5419.8	5341.8	5243.1	5119.6	4973.1	4807.7
-47.5°	4806.7	4867.2	4900.2	4907.6	4900.2	4867.2	4806.7	4723.2	4614.5	4486.4	4342.7
-50°	4319.6	4383.7	4411.1	4403.3	4411.1	4383.7	4319.6	4240.4	4147.2	4036.5	3905.5
-52.5°	3876.7	3931.1	3954.8	3951.9	3954.8	3931.1	3876.7	3809.0	3726.9	3624.4	3509.7
-55°	3444.8	3491.9	3510.6	3507.4	3510.6	3491.9	3444.8	3384.6	3310.9	3216.8	3112.8
-57.5°	3006.6	3049.0	3061.5	3053.6	3061.5	3049.0	3006.6	2952.7	2887.7	2811.7	2728.7
-60°	2582.1	2616.9	2627.7	2623.2	2627.7	2616.9	2582.1	2537.8	2484.6	2425.6	2358.8
-62.5°	2195.2	2222.2	2233.2	2233.9	2233.2	2222.2	2195.2	2160.8	2119.1	2070.6	2014.0
-65°	1853.8	1873.8	1882.8	1884.5	1882.8	1873.8	1853.8	1827.8	1795.7	1755.6	1708.0
-67.5°	1566.2	1581.7	1587.2	1587.8	1587.2	1581.7	1566.2	1546.1	1521.1	1489.1	1448.7
-70°	1360.8	1378.2	1385.5	1389.6	1385.5	1378.2	1360.8	1341.1	1319.1	1291.6	1254.6
-72.5°	1233.9	1251.8	1260.2	1266.5	1260.2	1251.8	1233.9	1214.7	1194.3	1168.0	1127.1
-75°	1130.7	1149.7	1155.7	1158.6	1155.7	1149.7	1130.7	1110.3	1088.9	1062.2	1016.9
-77.5°	949.9	960.2	963.9	965.1	963.9	960.2	949.9	937.7	923.5	904.9	867.9
-80°	710.3	715.6	725.8	734.1	725.8	715.6	710.3	702.9	693.5	681.0	653.9
-82.5°	432.8	433.7	439.6	444.4	439.6	433.7	432.8	430.5	426.8	421.4	410.3
-85°	210.5	212.4	217.2	221.6	217.2	212.4	210.5	208.1	205.2	201.8	199.3
-87.5°	76.4	77.2	76.7	76.2	76.7	77.2	76.4	75.4	74.4	73.3	72.7
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6



REPORT NUMBER: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	21.7	20.8	19.9	19.6	19.4	19.1	18.8	17.3	15.9	14.4	12.9
87.5°	10.6	9.7	8.8	9.0	9.2	9.4	9.5	8.9	8.3	7.7	7.2
85°	20.4	19.2	17.9	18.1	18.1	18.1	18.1	17.5	16.9	16.0	15.0
82.5°	25.1	25.6	26.0	27.8	29.3	30.4	30.9	30.7	30.1	29.1	27.6
80°	30.1	31.9	33.9	37.6	40.9	43.7	45.9	46.7	47.2	47.1	45.5
77.5°	33.3	36.1	39.5	45.1	50.4	55.2	59.2	61.1	62.0	62.3	60.6
75°	32.4	35.8	40.6	48.1	55.4	62.5	67.7	70.8	73.3	75.1	73.3
72.5°	28.0	31.2	36.8	45.6	54.8	63.0	70.2	76.3	81.4	85.5	82.9
70°	22.6	24.8	30.0	38.2	47.0	56.1	65.7	75.6	85.7	92.7	88.6
67.5°	18.5	19.8	23.6	29.5	36.9	45.5	55.5	66.9	77.8	88.4	87.3
65°	16.0	17.0	19.4	23.2	28.1	34.3	42.2	52.1	63.9	75.9	77.6
62.5°	14.0	15.0	16.6	18.8	21.6	25.3	31.0	39.2	48.8	57.2	61.3
60°	12.4	13.0	14.0	15.4	17.2	19.5	23.4	28.7	35.3	42.2	46.6
57.5°	11.4	11.8	12.3	12.9	13.8	15.5	17.9	20.8	26.1	30.5	34.2
55°	10.5	11.0	11.4	11.6	11.9	12.9	14.1	16.1	19.3	21.9	26.2
52.5°	10.5	10.9	11.2	11.5	11.7	11.7	11.8	13.2	15.2	18.1	20.6
50°	10.6	11.0	11.3	11.6	11.8	11.8	11.7	11.7	13.5	15.7	17.8
47.5°	11.8	12.0	11.7	11.9	13.0	12.3	12.2	13.0	14.7	14.7	16.6
45°	15.6	16.1	14.5	16.5	17.4	16.8	14.3	17.5	18.5	18.1	16.3
42.5°	26.1	26.1	24.7	28.9	30.2	28.1	25.5	28.0	26.9	24.3	27.3
40°	45.4	43.5	45.2	49.7	51.0	47.7	48.6	45.4	42.4	35.8	46.4
37.5°	75.9	73.3	77.7	79.3	79.1	80.6	80.1	73.3	63.9	69.3	77.7
35°	122.0	119.0	123.7	121.6	116.8	129.0	125.2	110.0	102.5	111.0	116.6
32.5°	202.3	198.8	191.5	182.3	187.8	193.6	185.6	163.2	166.4	166.4	160.3
30°	326.9	311.9	286.0	287.1	297.5	280.9	260.0	267.9	256.8	233.9	211.5
27.5°	531.3	475.1	433.6	459.4	447.8	408.6	415.0	403.3	365.9	323.7	293.2
25°	853.1	756.5	735.7	721.3	664.3	652.5	655.9	601.3	512.7	451.3	493.0
22.5°	1294.0	1267.0	1185.2	1060.1	1086.2	1070.7	979.3	854.8	762.8	829.5	776.2
20°	2151.1	2053.4	1817.7	1869.2	1865.0	1596.4	1383.8	1400.6	1454.0	1337.7	1132.1
17.5°	3909.8	3429.7	3260.0	3294.3	2991.3	2442.7	2444.3	2470.4	2287.8	1948.0	1548.9
15°	6489.6	6033.7	5656.6	5188.8	4639.1	4290.9	4000.8	3729.3	3263.9	2682.6	2155.8
12.5°	10050.6	9143.8	8309.9	7575.7	6948.7	6352.8	5781.5	5169.6	4411.6	3686.5	3078.7
10°	13732.9	12402.9	11292.2	10248.6	9311.5	8470.6	7565.7	6634.0	5681.3	4777.8	4001.7
7.5°	17142.9	15637.3	14242.5	12785.9	11423.7	10287.2	9201.7	8080.4	6931.8	5857.9	4916.1
5°	20056.6	18193.5	16445.9	14781.2	13280.7	12021.1	10800.8	9502.6	8149.0	6913.7	5809.4
2.5°	22016.0	20150.9	18379.8	16588.9	14892.1	13453.1	12055.2	10569.7	9004.2	7547.7	6302.0
0°	23361.8	21282.7	19379.4	17412.9	15615.2	14203.3	12800.8	11295.1	9649.8	8051.5	6753.4
-2.5°	22727.0	20740.5	18967.1	17072.5	15296.5	13869.9	12503.8	11134.4	9520.6	7996.7	6744.8
-5°	21489.7	19542.1	17780.3	16007.8	14365.7	13057.9	11832.3	10623.9	9178.0	7822.6	6685.2
-7.5°	19519.2	17927.2	16388.6	14758.7	13238.4	12018.7	10888.0	9748.9	8476.0	7269.5	6232.4
-10°	17253.1	15909.9	14566.9	13177.8	11958.6	10908.7	9885.2	8844.4	7737.7	6682.5	5755.2
-12.5°	15043.1	13881.4	12672.8	11480.8	10548.5	9720.3	8879.5	7957.5	6977.7	6070.6	5266.9
-15°	12756.5	12041.7	11149.1	10099.5	9197.1	8568.7	7914.1	7162.0	6317.0	5490.6	4777.6
-17.5°	11386.1	10561.3	9827.8	9078.9	8303.3	7539.5	7016.8	6421.5	5733.8	5037.4	4398.5
-20°	10230.1	9577.2	8877.0	8233.7	7602.9	6957.3	6310.8	5735.0	5188.3	4620.8	4084.4



REPORT NUMBER: P1306011 (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°	9302.6	8750.9	8162.9	7536.3	6968.6	6425.2	5851.2	5250.9	4673.9	4214.4	3770.3
-25°	8538.8	8030.9	7536.0	7005.7	6437.8	5909.0	5410.0	4889.0	4354.7	3846.4	3464.1
-27.5°	7876.8	7445.1	6982.6	6510.0	6006.6	5485.7	5012.2	4546.7	4073.8	3616.5	3190.3
-30°	7310.7	6930.1	6511.0	6067.1	5619.6	5145.8	4666.2	4244.7	3824.2	3405.7	3008.3
-32.5°	6820.7	6487.4	6101.1	5680.4	5261.7	4839.8	4404.9	3962.1	3582.5	3214.6	2850.1
-35°	6411.4	6088.8	5716.3	5329.0	4945.4	4555.4	4146.5	3741.2	3366.6	3024.4	2689.4
-37.5°	5973.6	5679.3	5336.0	4981.7	4636.7	4275.9	3894.5	3522.5	3164.8	2844.7	2539.5
-40°	5516.7	5240.1	4952.4	4634.0	4312.6	3990.0	3640.7	3294.5	2973.5	2667.4	2386.5
-42.5°	5060.7	4816.5	4561.9	4271.2	3977.0	3686.0	3378.5	3069.0	2774.9	2496.3	2234.3
-45°	4612.3	4391.1	4156.0	3916.7	3652.4	3385.8	3115.2	2844.5	2579.6	2323.1	2074.8
-47.5°	4177.1	3983.6	3782.3	3576.7	3335.7	3091.8	2861.8	2624.9	2380.3	2142.2	1922.7
-50°	3760.8	3598.6	3422.0	3233.4	3026.6	2813.9	2608.6	2397.8	2177.8	1969.8	1766.7
-52.5°	3383.2	3232.2	3069.9	2898.6	2730.4	2548.5	2357.9	2174.7	1984.8	1794.0	1611.3
-55°	2999.8	2874.2	2738.9	2600.4	2457.2	2287.2	2118.6	1953.7	1786.4	1612.7	1459.3
-57.5°	2640.1	2538.3	2419.0	2294.7	2166.3	2024.2	1877.2	1728.1	1588.8	1446.0	1307.7
-60°	2283.4	2196.7	2097.4	1993.9	1886.8	1766.7	1644.2	1521.4	1398.7	1283.0	1165.9
-62.5°	1948.8	1874.8	1793.9	1712.9	1626.4	1530.7	1425.4	1325.9	1226.7	1126.2	1029.6
-65°	1654.4	1595.1	1526.8	1459.6	1387.9	1311.4	1224.4	1142.6	1063.1	981.7	897.3
-67.5°	1401.8	1348.1	1290.1	1232.9	1177.4	1113.7	1045.6	975.9	911.2	844.3	773.5
-70°	1213.1	1166.7	1116.8	1062.4	1007.0	949.9	894.7	838.6	778.0	721.8	668.3
-72.5°	1083.2	1035.9	986.3	934.6	878.8	826.2	779.6	734.6	685.6	632.2	581.2
-75°	972.0	928.1	884.4	838.6	792.1	745.0	697.0	651.0	606.3	563.1	519.8
-77.5°	830.1	791.8	752.7	712.3	674.4	639.3	605.7	565.4	521.7	480.6	440.0
-80°	626.4	598.6	571.1	544.3	517.6	491.2	464.3	433.2	403.7	373.9	341.5
-82.5°	398.3	385.5	371.7	355.5	338.6	321.1	302.6	281.0	259.5	238.5	217.4
-85°	196.2	192.6	188.4	181.6	174.3	166.6	158.5	149.1	139.6	129.8	119.8
-87.5°	71.9	71.0	69.9	67.8	65.6	63.3	61.1	58.5	55.8	53.1	50.2
-90°	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P1306011 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-7F-CV5-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12.0	11.2	10.3	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3
87.5°	7.9	8.5	9.0	9.4	8.8	8.2	7.7	7.2	7.3	7.3	7.3
85°	14.6	14.4	14.4	14.4	13.2	11.7	10.7	9.7	9.9	9.9	9.8
82.5°	24.9	23.0	21.6	20.6	19.9	18.8	17.2	15.2	13.6	12.7	12.4
80°	40.8	36.4	32.3	28.9	26.9	25.9	24.5	22.4	18.9	16.3	14.8
77.5°	54.8	49.3	44.2	39.0	34.6	31.3	29.4	28.1	24.0	19.9	17.0
75°	67.0	60.1	53.6	47.2	41.2	36.4	32.6	29.8	26.3	23.0	19.1
72.5°	75.4	68.3	61.6	54.5	46.6	40.1	35.1	31.4	27.7	24.1	20.7
70°	81.3	74.6	67.4	59.2	51.0	43.3	36.9	32.6	28.9	25.1	21.5
67.5°	85.0	77.4	70.5	63.1	54.6	46.2	38.4	33.6	29.8	26.1	22.3
65°	76.0	74.3	72.0	64.1	56.6	48.9	40.5	34.9	30.7	26.9	23.0
62.5°	64.5	65.8	64.6	62.7	56.9	49.6	42.6	36.9	31.7	27.6	23.6
60°	50.3	54.0	56.5	55.9	54.1	49.4	43.2	38.8	33.2	28.2	24.2
57.5°	39.0	42.6	46.5	48.8	48.4	46.6	43.4	39.4	34.5	29.2	24.8
55°	29.5	33.8	38.0	41.2	42.7	41.8	42.4	39.5	35.5	30.2	25.6
52.5°	23.7	27.2	31.0	34.7	37.1	37.8	39.5	39.6	35.5	31.0	26.7
50°	20.1	24.0	26.5	29.3	32.2	34.7	36.9	37.6	35.5	31.4	27.8
47.5°	20.1	23.9	25.5	25.8	28.2	31.9	34.5	35.7	35.3	31.3	28.9
45°	24.3	27.0	27.1	26.3	25.9	30.1	32.4	34.1	34.0	32.0	30.0
42.5°	32.7	34.8	32.4	28.0	30.8	29.6	30.5	32.5	32.8	32.9	31.0
40°	50.3	47.2	40.9	40.2	40.5	30.3	30.7	31.1	32.0	33.7	31.8
37.5°	73.2	66.6	55.7	59.4	55.3	42.6	32.0	30.0	32.8	34.3	32.7
35°	109.6	92.6	86.3	85.8	76.9	58.0	34.0	30.1	34.3	35.3	33.7
32.5°	153.1	137.9	131.5	117.6	102.5	76.3	44.4	36.1	36.5	36.5	34.7
30°	210.0	216.6	186.2	152.8	132.1	100.6	66.4	43.5	39.4	37.9	35.8
27.5°	323.2	312.6	253.5	202.4	165.2	130.6	104.0	52.2	43.1	39.9	36.9
25°	472.2	428.7	346.7	261.7	200.4	221.4	151.3	63.3	49.3	42.7	38.2
22.5°	673.4	566.0	451.4	326.2	337.6	336.5	216.7	99.2	57.2	45.9	39.5
20°	907.5	722.2	608.1	564.3	509.2	459.6	304.8	140.2	65.7	49.5	41.0
17.5°	1181.2	1063.2	1000.9	855.2	707.9	594.0	406.0	185.2	74.7	53.2	42.5
15°	1839.9	1635.3	1438.0	1176.2	922.7	737.6	517.5	233.1	84.0	57.2	46.8
12.5°	2598.3	2233.6	1909.1	1520.1	1149.7	888.0	636.0	282.6	93.5	66.4	54.7
10°	3371.6	2849.7	2404.2	1879.4	1384.5	1042.5	758.1	337.9	115.8	79.9	63.0
7.5°	4149.3	3474.5	2912.2	2245.8	1615.8	1193.7	887.4	403.8	140.3	93.5	71.4
5°	4857.9	4001.8	3324.6	2540.4	1808.7	1336.3	1012.7	467.0	164.9	107.2	79.8
2.5°	5278.9	4362.3	3659.2	2810.0	1991.4	1472.9	1129.6	526.1	189.1	120.6	88.1
0°	5665.1	4697.7	3968.3	3058.3	2161.2	1601.9	1234.8	579.3	212.3	133.7	96.2
-2.5°	5634.6	4703.8	3960.6	3095.3	2237.7	1669.2	1280.4	644.5	276.8	180.4	127.0
-5°	5569.6	4681.8	3927.4	3108.7	2298.0	1725.9	1312.7	702.3	339.0	225.9	157.1
-7.5°	5282.2	4509.9	3818.9	3085.9	2341.6	1771.1	1333.1	752.9	398.3	269.6	185.9
-10°	4930.0	4241.8	3608.2	2937.4	2276.2	1766.2	1337.3	796.4	453.8	310.7	213.1
-12.5°	4565.9	3963.2	3390.1	2778.2	2184.1	1717.3	1295.8	814.1	502.8	348.7	238.3
-15°	4196.2	3679.1	3169.9	2612.3	2085.1	1662.0	1250.7	817.9	532.5	379.7	261.1
-17.5°	3846.3	3393.6	2952.5	2443.3	1981.2	1601.1	1204.4	818.0	558.4	403.4	280.8
-20°	3599.2	3157.8	2741.2	2274.7	1874.3	1535.7	1158.9	815.1	580.3	424.2	297.9



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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°	3353.4	2959.1	2559.7	2133.2	1775.5	1466.5	1116.2	809.7	598.0	442.1	312.6
-25°	3105.6	2757.9	2389.2	2021.0	1689.3	1400.1	1087.6	802.6	611.4	456.9	324.7
-27.5°	2874.1	2559.4	2226.1	1908.3	1613.6	1343.6	1069.8	813.6	622.4	468.4	334.1
-30°	2651.1	2380.2	2091.1	1801.8	1534.7	1287.3	1052.4	820.1	633.3	477.6	340.6
-32.5°	2498.9	2216.0	1965.6	1710.0	1462.8	1228.3	1019.1	820.9	640.0	483.6	346.4
-35°	2380.3	2093.5	1845.9	1616.6	1392.3	1176.2	977.9	816.2	642.5	485.9	350.2
-37.5°	2250.6	1987.0	1743.2	1528.4	1319.2	1119.5	941.9	789.5	640.6	484.1	351.3
-40°	2124.0	1875.7	1647.7	1446.1	1249.9	1058.3	901.9	761.6	634.7	478.5	349.6
-42.5°	1987.4	1761.8	1553.4	1361.7	1178.6	1009.8	859.1	729.7	608.9	472.0	345.2
-45°	1853.1	1644.0	1454.4	1277.1	1106.1	957.5	819.4	694.3	578.1	463.6	338.5
-47.5°	1713.0	1527.6	1352.9	1186.7	1043.7	903.0	775.2	656.6	544.8	451.3	329.5
-50°	1578.0	1408.7	1248.9	1103.6	972.8	848.9	727.5	615.8	513.9	424.6	317.7
-52.5°	1444.3	1290.3	1148.4	1018.7	902.1	790.0	678.5	572.6	480.3	396.3	303.0
-55°	1310.5	1174.4	1048.0	935.0	829.0	729.3	626.3	530.9	444.0	366.4	285.7
-57.5°	1181.6	1057.7	951.9	851.1	754.9	664.2	573.5	486.0	407.1	334.9	267.4
-60°	1053.4	952.5	856.6	765.6	678.7	598.0	518.9	439.7	368.7	302.4	243.0
-62.5°	935.8	845.7	759.3	677.5	603.1	532.0	462.3	393.6	328.5	271.7	216.2
-65°	818.4	738.6	659.5	593.9	528.7	466.8	407.6	345.6	291.6	240.2	190.2
-67.5°	702.0	639.4	571.5	511.0	460.2	408.0	351.9	302.4	255.2	207.8	167.5
-70°	611.4	550.0	492.2	444.6	398.6	350.7	305.8	260.9	217.9	181.8	144.4
-72.5°	534.3	483.8	429.8	381.5	344.7	304.7	261.4	220.8	188.8	155.5	120.9
-75°	472.0	421.1	373.9	333.8	297.6	258.5	220.8	189.0	159.5	128.8	99.9
-77.5°	396.7	356.5	319.8	280.0	242.9	210.0	181.6	156.9	129.2	102.7	79.3
-80°	304.5	269.7	237.3	207.7	182.0	159.7	139.5	119.0	96.3	76.0	58.1
-82.5°	193.9	174.6	157.2	140.6	124.9	109.3	93.8	78.5	62.7	48.6	40.1
-85°	109.1	98.9	89.2	80.0	69.2	58.5	52.0	45.8	39.9	34.4	29.3
-87.5°	48.1	45.8	43.5	41.0	37.3	33.7	30.3	27.0	23.9	21.0	18.3
-90°	4.7	4.7	4.7	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°	7.1	6.5	6.0	5.6	5.2	4.9	4.7
85°	9.6	8.4	7.3	6.5	5.7	5.1	4.7
82.5°	11.9	10.2	8.7	7.3	6.2	5.3	4.7
80°	14.2	12.0	10.0	8.2	6.7	5.5	4.7
77.5°	15.3	13.4	11.2	9.0	7.2	5.7	4.7
75°	16.3	13.9	12.3	9.9	7.7	5.9	4.7
72.5°	17.3	14.5	12.5	10.7	8.2	6.1	4.7
70°	18.1	14.9	12.6	11.3	8.6	6.3	4.7
67.5°	18.8	15.3	12.8	11.3	9.1	6.5	4.7
65°	19.5	15.8	12.9	11.2	9.5	6.6	4.7
62.5°	20.2	16.4	12.9	11.1	9.9	6.8	4.7
60°	20.8	17.1	12.9	11.0	10.3	7.0	4.7
57.5°	21.6	17.7	13.4	10.8	10.2	7.1	4.7
55°	22.4	18.3	13.9	10.6	10.1	7.3	4.7
52.5°	23.3	18.9	14.4	10.4	10.0	7.4	4.7
50°	24.1	19.7	14.9	10.2	9.9	7.5	4.7
47.5°	25.1	20.5	15.3	10.0	9.9	7.7	4.7
45°	26.1	21.3	15.7	10.4	9.8	7.8	4.7
42.5°	27.0	22.1	16.2	10.7	9.8	7.9	4.7
40°	28.0	23.0	16.7	11.2	9.8	8.0	4.7
37.5°	28.9	23.8	17.3	11.8	9.8	8.1	4.7
35°	29.9	24.6	17.9	12.4	9.8	8.1	4.7
32.5°	30.7	25.3	18.5	13.0	9.8	8.2	4.7
30°	31.5	26.0	19.0	13.7	9.8	8.3	4.7
27.5°	32.4	26.6	20.2	14.3	9.9	8.3	4.7
25°	33.2	27.2	21.5	14.9	9.9	8.3	4.7
22.5°	34.0	28.3	22.7	15.5	10.0	8.4	4.7
20°	34.8	30.5	24.0	16.1	10.0	8.4	4.7
17.5°	37.8	32.8	25.3	16.7	10.1	8.4	4.7
15°	42.4	35.2	26.5	17.3	10.2	8.4	4.7
12.5°	47.2	37.6	27.7	17.8	10.3	8.4	4.7
10°	52.1	40.1	28.8	18.3	10.3	8.4	4.7
7.5°	57.0	42.5	29.9	18.8	10.4	8.3	4.7
5°	62.0	44.9	31.0	19.2	10.5	8.3	4.7
2.5°	66.8	47.1	31.9	19.6	10.5	8.2	4.7
0°	71.5	49.3	32.8	19.9	10.6	8.2	4.7
-2.5°	90.2	60.0	38.3	22.3	11.4	8.4	4.7
-5°	108.4	70.4	43.7	24.7	12.2	8.5	4.7
-7.5°	125.8	80.3	48.8	27.0	13.0	8.7	4.7
-10°	142.3	89.8	53.7	29.1	13.7	8.8	4.7
-12.5°	157.5	98.5	58.2	31.1	14.4	9.0	4.7
-15°	171.4	106.5	62.3	32.9	15.1	9.1	4.7
-17.5°	183.5	113.6	65.9	34.5	15.7	9.2	4.7
-20°	195.0	119.6	69.1	35.8	16.3	9.3	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	206.6	124.6	71.7	37.0	16.8	9.4	4.7
-25°	216.4	131.0	73.6	37.8	17.2	9.5	4.7
-27.5°	224.4	137.1	75.0	38.4	17.6	9.5	4.7
-30°	230.6	141.9	75.9	38.7	17.9	9.5	4.7
-32.5°	234.7	145.3	78.4	38.7	18.1	9.6	4.7
-35°	238.0	147.2	79.9	38.4	18.3	9.6	4.7
-37.5°	239.6	148.1	80.6	37.8	18.4	9.5	4.7
-40°	239.0	148.4	80.2	36.8	18.3	9.5	4.7
-42.5°	236.2	147.2	79.7	35.9	18.2	9.4	4.7
-45°	231.1	144.5	78.9	35.3	18.1	9.3	4.7
-47.5°	223.9	140.2	77.3	34.3	17.8	9.3	4.7
-50°	216.0	134.4	74.9	33.9	17.5	9.1	4.7
-52.5°	206.2	127.2	71.7	33.6	17.0	9.0	4.7
-55°	194.4	120.8	67.7	32.9	16.5	8.8	4.7
-57.5°	180.5	113.5	62.9	31.8	16.0	8.7	4.7
-60°	165.2	105.1	57.6	30.5	15.3	8.5	4.7
-62.5°	151.7	95.6	54.0	28.8	14.7	8.3	4.7
-65°	136.6	85.0	50.0	26.8	14.1	8.1	4.7
-67.5°	120.2	75.5	45.4	24.5	13.4	7.8	4.7
-70°	102.6	67.0	40.3	22.0	12.7	7.6	4.7
-72.5°	88.2	57.9	34.9	20.1	12.0	7.3	4.7
-75°	73.7	48.2	29.0	18.4	11.2	7.1	4.7
-77.5°	58.3	37.9	25.1	16.5	10.3	6.8	4.7
-80°	42.4	30.6	21.6	14.5	9.5	6.5	4.7
-82.5°	33.1	24.8	17.9	12.5	8.6	6.2	4.7
-85°	24.5	18.8	14.1	10.4	7.7	5.9	4.7
-87.5°	15.8	12.8	10.3	8.3	6.8	5.6	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)