

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: P1306096 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-3S-VHE-A**

Issue Date: 2/3/2026

Test Information

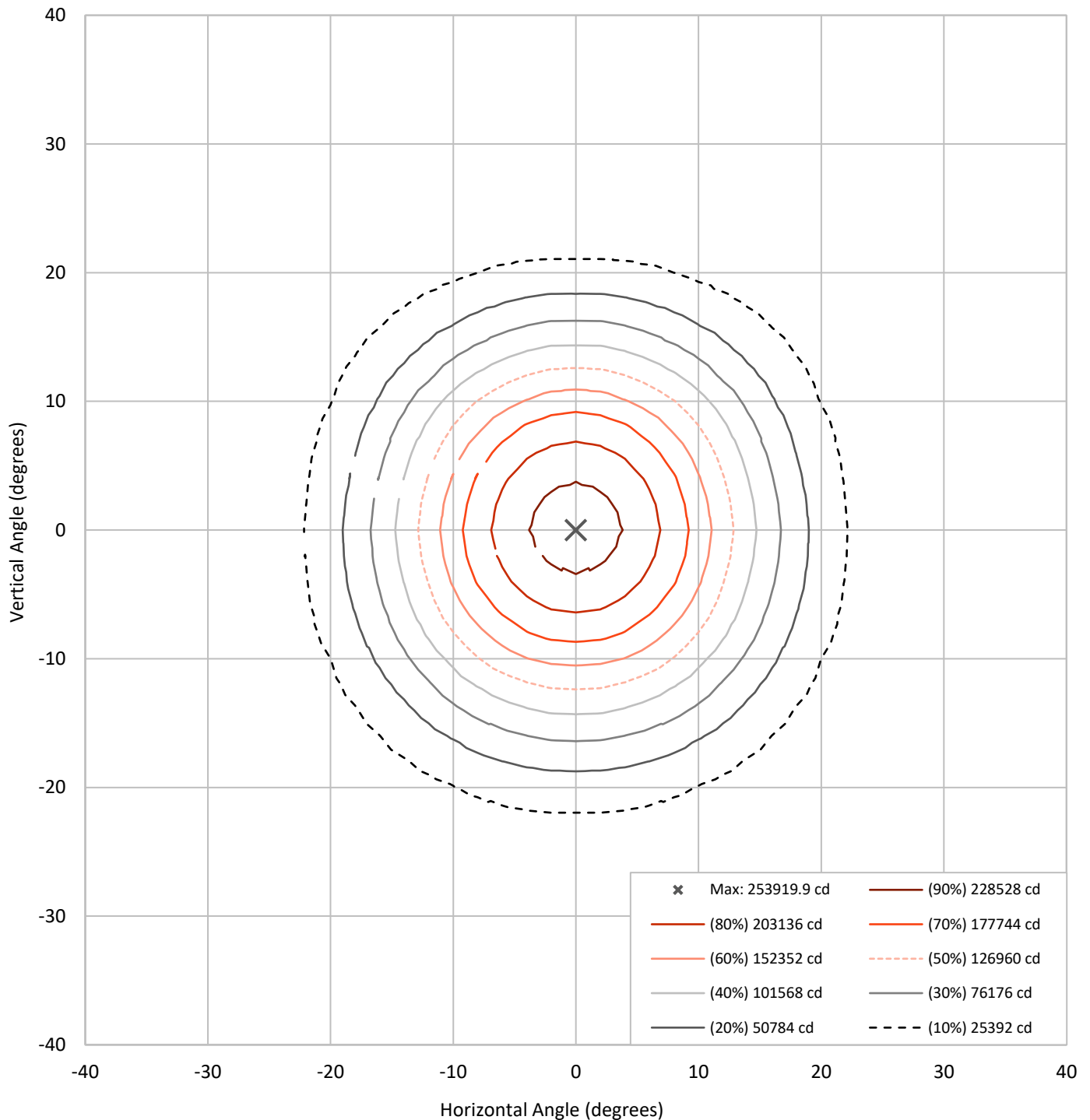
Test Method: LM-79-08
Report Number: P1306096 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-57-70-3S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	57048.3 lumens	Max Intensity:	253919.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	170.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	25.7°H x 24.9°V	Field Angle (10%):	44.2°H x 43°V
Beam Lumens:	27295.2 lumens	Field Lumens:	47827.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	83.8%
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





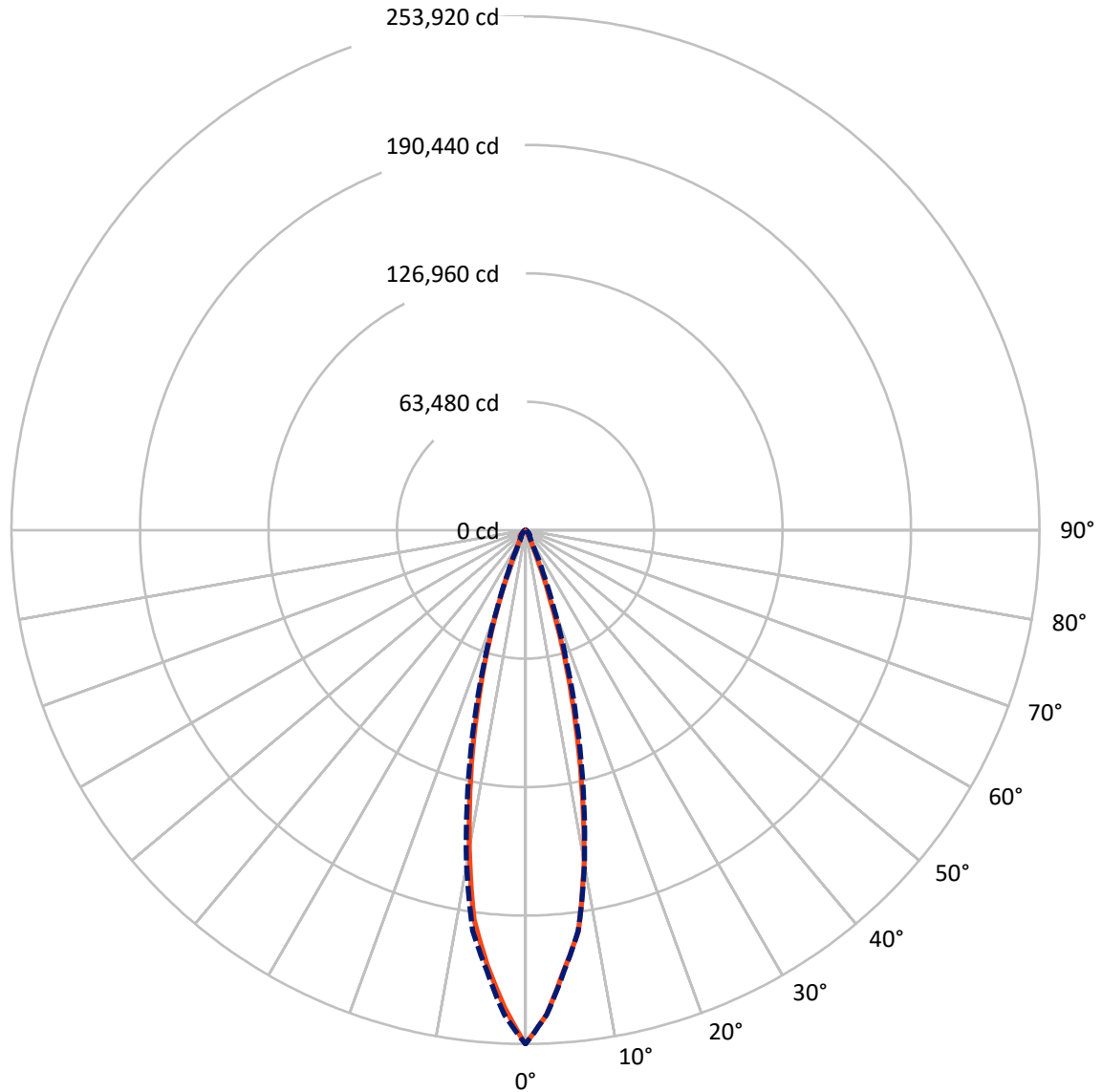
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Lumen Table

90	0.1	0.4		0.9		1.3		1.6		1.3		0.9		0.4		0.1			
80	0.1	0.4		0.9		1.3		1.6		1.3		0.9		0.4		0.1			
70	0.2	0.1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.2			
60		0.3	0.5	0.7	0.6	0.6	0.8	1.0	1.0	0.8	0.6	0.6	0.7	0.5	0.3				
50	0.5	0.8	1.9	4.0	7.4	12.6	17.9	20.3	20.3	17.9	12.6	7.4	4.0	1.9	0.8	0.5			
40		2.0	6.1	12.5	23.5	39.0	47.1	55.3	55.3	47.1	39.0	23.5	12.5	6.1	2.0				
30	1.3	3.3	10.2	22.3	50.0	64.3	139.0	303.9	303.9	139.0	64.3	50.0	22.3	10.2	3.3	1.3			
20		4.4	13.4	36.3	71.8	173.6	1045.6	2527.9	2527.9	1045.6	173.6	71.8	36.3	13.4	4.4				
10	1.9	5.3	15.5	46.3	87.0	385.3	2539.6	5784.5	5784.5	2539.6	385.3	87.0	46.3	15.5	5.3	1.9			
0		5.8	17.1	48.9	96.3	397.1	2555.0	5724.4	5724.4	2555.0	397.1	96.3	48.9	17.1	5.8				
-10	2.1	5.9	17.6	47.3	96.0	212.9	1090.3	2551.4	2551.4	1090.3	212.9	96.0	47.3	17.6	5.9	2.1			
-20		5.4	16.8	37.4	86.4	130.4	226.0	429.8	429.8	226.0	130.4	86.4	37.4	16.8	5.4				
-30	1.8	4.6	14.4	29.9	59.7	104.3	128.8	142.9	142.9	128.8	104.3	59.7	29.9	14.4	4.6	1.8			
-40		3.6	11.0	23.2	37.8	55.7	81.7	101.8	101.8	81.7	55.7	37.8	23.2	11.0	3.6				
-50	1.5	2.4	7.1	15.2	25.4	34.6	42.0	46.6	46.6	42.0	34.6	25.4	15.2	7.1	2.4	1.5			
-60		1.7	3.8	7.8	13.2	18.3	23.0	25.9	25.9	23.0	18.3	13.2	7.8	3.8	1.7				
-70	1.0	6.2		14.5		23.6		28.9		23.6		14.5		6.2		1.0			
-80		6.2		14.5		23.6		28.9		23.6		14.5		6.2					
-90	1.0	6.2		14.5		23.6		28.9		23.6		14.5		6.2		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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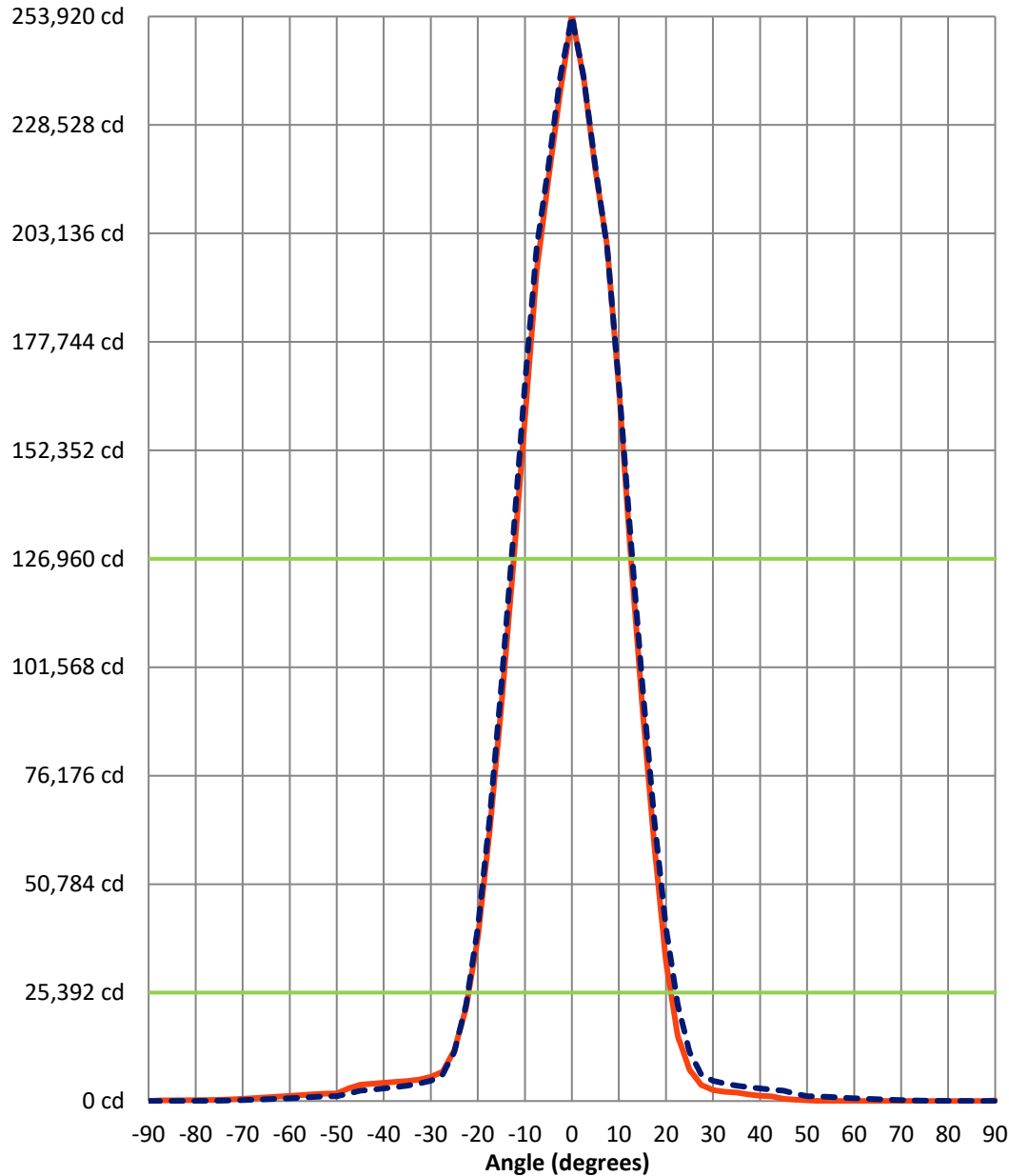
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 25.7°
 V Angle: 24.9°
 Lumens: 27295.2
 Efficiency: 47.8%

Field:
 H Angle: 44.2°
 V Angle: 43°
 Lumens: 47827.9
 Efficiency: 83.8%

Spill:
 Lumens: 9220.3
 Efficiency: 16.2%

— 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°	2.0	8.5	15.0	24.1	33.3	41.1	48.9	54.7	60.5	65.3	70.0
87.5°	2.0	2.2	2.1	2.2	2.2	2.2	2.2	2.0	1.8	1.8	1.7
85°	2.0	2.3	2.2	2.4	2.5	2.5	2.4	2.3	2.3	2.1	1.9
82.5°	2.0	2.5	2.4	2.5	2.7	2.7	2.6	2.6	2.7	2.5	2.2
80°	2.0	2.7	2.5	2.7	3.0	2.9	2.8	2.9	3.0	2.8	2.5
77.5°	2.0	2.8	2.7	2.9	3.2	3.2	3.2	3.2	3.2	3.0	2.8
75°	2.0	3.0	2.8	3.1	3.5	3.6	3.6	3.6	3.5	3.5	3.2
72.5°	2.0	3.2	3.0	3.3	3.8	4.0	4.0	4.0	4.1	3.9	3.6
70°	2.0	3.3	3.2	3.5	4.2	4.4	4.4	4.7	4.7	4.5	4.5
67.5°	2.0	3.5	3.3	3.9	4.6	4.8	5.2	5.5	5.4	5.7	5.7
65°	2.0	3.7	3.6	4.3	5.0	5.5	6.1	6.2	6.8	7.0	6.9
62.5°	2.0	3.9	3.8	4.7	5.5	6.4	7.0	7.5	8.3	8.4	8.4
60°	2.0	4.1	4.0	5.1	5.9	7.3	8.0	9.1	9.9	10.2	9.9
57.5°	2.0	4.2	4.5	5.6	6.8	8.3	9.5	10.8	12.1	12.2	13.5
55°	2.0	4.4	5.0	6.0	7.8	9.3	11.1	12.5	14.5	15.3	18.3
52.5°	2.0	4.6	5.5	6.4	8.8	10.4	12.7	15.1	17.2	21.1	23.4
50°	2.0	4.8	6.0	6.9	9.8	11.9	14.4	17.7	21.0	27.4	33.0
47.5°	2.0	5.0	6.5	7.4	10.8	13.5	16.2	20.6	27.4	34.2	44.4
45°	2.0	5.2	7.0	8.2	11.8	15.2	18.7	23.5	34.0	45.9	57.1
42.5°	2.0	5.4	7.5	9.0	12.9	16.9	21.3	28.3	41.0	58.5	76.4
40°	2.0	5.6	8.0	10.0	14.1	18.6	24.1	34.6	49.8	71.9	98.3
37.5°	2.0	5.8	8.6	11.2	15.5	20.4	27.2	41.0	62.1	87.9	121.7
35°	2.0	6.0	9.1	12.3	16.9	22.7	30.3	47.5	74.9	108.5	147.9
32.5°	2.0	6.1	9.7	13.4	18.3	25.2	34.3	54.3	88.2	129.2	173.9
30°	2.0	6.3	10.3	14.5	19.6	27.7	39.9	62.2	101.8	150.0	198.2
27.5°	2.0	6.5	10.8	15.7	21.4	30.2	45.5	72.6	115.7	170.8	220.8
25°	2.0	6.7	11.4	16.8	23.2	32.7	50.9	82.4	129.7	190.2	241.9
22.5°	2.0	6.9	11.9	17.9	24.9	35.2	56.3	91.6	142.6	203.3	264.8
20°	2.0	7.1	12.5	19.0	26.6	37.7	61.5	100.2	154.2	215.6	283.3
17.5°	2.0	7.2	13.0	20.0	28.3	40.2	66.3	108.2	164.6	226.8	300.7
15°	2.0	7.4	13.5	21.1	29.9	42.5	70.7	115.3	173.8	237.0	317.2
12.5°	2.0	7.5	14.0	22.1	31.4	44.7	74.8	121.7	183.1	246.1	332.5
10°	2.0	7.7	14.5	23.1	32.9	46.8	78.5	127.4	192.8	259.7	349.3
7.5°	2.0	7.8	15.0	24.0	34.3	48.7	81.9	132.4	201.6	273.5	370.3
5°	2.0	8.0	15.5	24.9	35.7	50.5	84.9	136.8	209.5	286.4	389.7
2.5°	2.0	8.1	15.9	25.7	36.9	52.2	87.5	140.5	216.5	298.1	407.3
0°	2.0	8.2	16.3	26.5	38.1	53.7	89.7	143.4	222.3	308.6	422.8
-2.5°	2.0	8.5	17.0	27.7	39.8	56.0	92.6	148.3	228.8	315.7	430.0
-5°	2.0	8.9	17.7	28.8	41.4	58.1	95.0	152.3	234.0	321.3	435.0
-7.5°	2.0	9.2	18.4	29.9	42.9	60.0	97.0	155.5	237.9	325.2	437.6
-10°	2.0	9.5	19.0	30.8	44.3	61.8	98.6	157.7	240.3	327.7	437.9
-12.5°	2.0	9.7	19.6	31.7	45.5	63.3	99.6	158.9	241.1	328.4	437.0
-15°	2.0	10.0	20.1	32.6	46.7	64.7	100.2	158.9	239.7	326.3	433.6
-17.5°	2.0	10.2	20.6	33.3	47.7	65.9	100.2	157.5	235.8	322.5	427.2
-20°	2.0	10.5	21.1	34.0	48.7	66.9	99.9	154.9	230.5	316.8	417.7



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 CATALOG NUMBER: EPH-08-320N-57-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.0	10.7	21.5	34.6	49.4	67.6	99.1	151.2	223.8	309.2	405.1
-25°	2.0	10.9	21.9	35.1	50.1	68.3	97.8	146.7	215.7	299.8	392.0
-27.5°	2.0	11.0	22.2	35.5	50.6	68.9	96.0	141.1	206.3	291.3	382.6
-30°	2.0	11.2	22.5	35.8	51.0	69.2	93.7	134.7	198.6	281.8	371.2
-32.5°	2.0	11.3	22.7	36.0	51.5	69.4	90.8	130.5	192.1	270.8	357.6
-35°	2.0	11.4	22.8	36.2	51.9	69.3	89.8	126.9	183.9	258.3	341.9
-37.5°	2.0	11.5	23.0	36.2	52.1	69.3	89.5	122.8	173.9	244.3	325.2
-40°	2.0	11.6	23.0	36.2	52.2	69.4	88.9	117.9	162.2	230.6	306.4
-42.5°	2.0	11.6	23.0	36.1	52.2	69.3	88.2	112.1	153.5	214.3	284.7
-45°	2.0	11.6	23.0	36.0	52.2	69.1	87.1	107.8	145.9	196.0	260.7
-47.5°	2.0	11.6	22.9	35.9	52.0	68.8	85.7	106.1	137.2	176.5	238.4
-50°	2.0	11.6	22.8	35.8	51.6	68.2	84.7	104.0	127.0	164.8	214.3
-52.5°	2.0	11.6	22.6	35.6	51.1	67.6	83.6	101.5	121.4	152.2	189.5
-55°	2.0	11.5	22.3	35.4	50.4	66.5	82.3	98.7	117.6	138.8	173.7
-57.5°	2.0	11.4	22.0	35.1	49.7	65.4	80.8	96.8	113.6	132.0	157.1
-60°	2.0	11.3	21.7	34.7	48.8	64.0	79.0	94.5	109.5	127.0	143.4
-62.5°	2.0	11.2	21.4	34.2	48.0	62.5	77.2	91.8	106.2	121.5	136.6
-65°	2.0	11.0	21.0	33.6	47.1	60.9	75.1	89.0	102.7	116.5	129.3
-67.5°	2.0	10.8	20.6	32.9	46.2	59.2	72.9	86.1	98.8	111.6	123.2
-70°	2.0	10.6	20.1	32.1	45.1	57.5	70.5	83.0	95.1	106.6	117.6
-72.5°	2.0	10.4	19.6	31.4	43.8	55.7	68.0	79.7	91.1	101.6	111.8
-75°	2.0	10.2	19.1	30.5	42.5	53.7	65.4	76.1	87.0	96.4	105.6
-77.5°	2.0	10.0	18.5	29.6	41.2	51.6	62.5	72.4	82.4	90.9	99.2
-80°	2.0	9.7	17.8	28.7	39.8	49.6	59.5	68.5	77.6	85.3	92.8
-82.5°	2.0	9.4	17.2	27.6	38.3	47.6	56.9	64.7	72.7	79.5	86.3
-85°	2.0	9.1	16.5	26.5	36.7	45.5	54.4	61.5	68.7	74.5	80.2
-87.5°	2.0	8.8	15.8	25.4	35.0	43.3	51.7	58.1	64.6	69.9	75.2
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.4	1.4	1.4



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 CATALOG NUMBER: EPH-08-320N-57-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	73.8	77.5	80.9	84.3	87.4	90.4	94.5	98.6	101.7	104.7	107.8
87.5°	1.7	1.7	1.7	1.7	1.6	1.4	1.4	1.4	1.3	1.2	1.3
85°	2.0	2.0	2.0	2.0	1.8	1.6	1.6	1.6	1.7	1.7	1.6
82.5°	2.3	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
80°	2.6	2.7	2.4	2.2	2.3	2.4	2.3	2.1	2.0	2.0	2.1
77.5°	2.8	2.7	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.6	2.7
75°	3.0	2.8	2.9	2.8	2.8	3.2	3.4	3.4	3.3	3.2	3.2
72.5°	3.6	3.6	3.4	3.0	3.1	3.4	3.4	3.4	4.2	5.6	6.8
70°	4.4	4.4	4.2	3.9	3.8	4.0	5.2	7.0	9.1	11.0	12.9
67.5°	5.4	5.3	4.9	4.9	5.7	6.8	8.3	13.0	18.0	19.7	20.0
65°	6.4	6.2	6.2	7.1	8.1	11.5	15.9	21.6	26.4	26.1	24.1
62.5°	7.5	8.4	8.4	10.1	13.5	17.6	22.7	27.6	31.9	29.8	24.9
60°	10.8	11.4	12.9	16.0	19.5	23.6	28.9	30.5	31.5	30.7	24.1
57.5°	14.9	16.6	19.8	22.7	26.8	28.6	29.1	28.8	30.6	29.3	22.7
55°	20.8	23.7	28.1	31.0	33.5	29.9	29.5	31.4	31.2	28.5	22.1
52.5°	29.6	32.8	38.8	41.0	39.1	36.3	35.3	37.0	35.7	32.1	27.8
50°	39.3	46.9	50.9	52.7	49.2	48.8	45.3	47.5	49.5	47.7	53.7
47.5°	54.0	63.2	66.2	69.3	67.7	73.9	70.7	82.4	83.2	117.4	127.6
45°	71.8	84.1	87.6	95.8	104.8	115.7	134.4	139.4	195.7	229.9	270.3
42.5°	93.2	108.7	122.8	127.4	167.8	189.7	217.9	270.2	322.6	365.6	395.7
40°	120.7	136.5	166.2	201.6	244.6	281.8	335.6	396.2	446.0	479.0	494.6
37.5°	151.0	182.0	220.9	278.2	330.4	377.7	446.4	507.1	551.2	581.8	585.7
35°	183.5	227.6	291.2	349.3	403.2	467.3	535.6	605.2	641.5	654.7	710.8
32.5°	221.5	272.0	347.4	410.4	471.1	543.8	616.4	676.6	708.6	745.8	935.9
30°	257.4	318.6	393.6	460.6	535.8	618.7	688.0	744.8	766.9	962.2	1269.7
27.5°	286.1	359.0	434.3	515.1	601.5	696.2	766.2	803.0	929.7	1218.7	1663.3
25°	312.8	391.3	475.4	576.4	674.6	768.5	839.6	863.2	1126.6	1616.8	1948.2
22.5°	338.9	422.7	520.8	641.2	741.8	829.4	888.9	1031.5	1409.1	2029.8	2201.9
20°	365.0	459.9	570.1	690.1	801.1	882.9	928.6	1209.1	1752.0	2188.6	2382.1
17.5°	390.2	497.4	615.3	731.3	843.2	926.1	985.2	1358.9	2023.7	2331.0	2521.5
15°	414.7	529.4	650.2	770.0	884.2	964.0	1124.4	1578.6	2192.5	2503.2	2704.5
12.5°	438.2	556.8	676.0	803.6	923.8	1000.8	1268.8	1844.8	2368.5	2673.0	2890.5
10°	460.4	579.8	698.3	834.2	960.6	1032.8	1404.3	2093.6	2529.6	2793.8	2991.0
7.5°	482.8	600.6	718.5	861.9	995.3	1061.9	1518.9	2229.7	2592.9	2873.6	3061.8
5°	502.5	619.7	742.5	896.0	1028.9	1088.8	1615.6	2321.3	2613.0	2913.5	3112.9
2.5°	519.4	635.6	763.4	927.8	1059.2	1113.1	1681.5	2391.1	2637.1	2941.8	3176.2
0°	533.6	648.5	781.0	955.1	1084.9	1135.2	1725.2	2428.8	2652.4	2954.2	3246.5
-2.5°	544.0	665.6	809.1	978.2	1106.0	1158.2	1739.0	2444.9	2674.7	3022.8	3404.4
-5°	551.7	679.4	832.7	996.6	1123.2	1179.5	1729.2	2429.9	2701.2	3086.2	3504.7
-7.5°	556.5	689.3	850.8	1010.4	1137.5	1203.4	1699.7	2412.6	2784.6	3165.6	3555.2
-10°	558.7	694.4	853.6	1015.5	1149.0	1227.4	1649.3	2354.1	2844.8	3195.9	3559.3
-12.5°	560.7	695.4	850.2	1014.6	1156.1	1249.3	1585.9	2283.7	2900.2	3207.3	3533.5
-15°	559.0	693.3	842.7	1008.3	1165.2	1277.0	1504.8	2153.2	2924.9	3195.4	3485.2
-17.5°	553.3	688.0	832.3	1000.2	1171.0	1302.9	1398.6	1952.2	2792.0	3158.5	3448.3
-20°	543.7	678.4	817.5	984.6	1167.8	1314.0	1395.9	1805.1	2513.4	3086.1	3393.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	531.0	664.7	799.8	963.9	1149.5	1309.4	1415.3	1642.9	2197.7	2979.9	3310.9
-25°	516.1	647.4	781.6	941.6	1123.8	1300.6	1426.0	1493.5	1936.7	2620.0	3179.8
-27.5°	498.9	626.7	761.0	911.9	1090.3	1274.5	1408.6	1497.7	1724.5	2208.6	2980.5
-30°	478.6	602.9	734.2	877.4	1049.3	1225.1	1378.8	1492.3	1558.5	1927.8	2548.4
-32.5°	455.6	575.5	703.7	844.3	1003.0	1171.9	1334.5	1457.2	1548.0	1668.9	2141.6
-35°	433.6	547.5	669.9	807.1	953.4	1112.0	1264.6	1409.3	1523.3	1601.1	1793.3
-37.5°	414.2	517.0	634.5	766.6	907.5	1043.2	1189.1	1338.2	1468.9	1576.5	1644.5
-40°	392.1	484.1	598.1	722.9	848.4	973.7	1109.9	1252.4	1396.3	1514.5	1618.2
-42.5°	367.2	456.3	558.4	672.0	787.3	905.7	1027.0	1161.9	1297.6	1432.4	1541.7
-45°	339.7	425.4	516.1	618.2	722.8	834.5	949.4	1066.0	1194.3	1321.6	1441.2
-47.5°	308.7	391.0	477.5	560.9	658.0	760.5	867.8	977.8	1087.6	1204.4	1320.0
-50°	276.3	352.8	432.6	508.9	592.0	685.3	783.7	886.1	989.7	1087.7	1189.4
-52.5°	246.3	311.1	384.1	457.3	530.2	609.5	698.5	791.0	886.9	982.3	1068.3
-55°	213.9	272.2	332.9	402.0	471.6	540.3	612.5	696.2	777.6	865.4	949.9
-57.5°	189.7	232.5	285.8	343.2	408.5	474.8	538.8	601.8	672.7	746.2	820.7
-60°	170.5	200.5	241.2	290.1	341.5	402.8	465.6	523.8	577.4	632.0	699.5
-62.5°	152.6	177.3	205.6	239.6	284.3	329.8	383.9	439.4	491.5	541.5	591.7
-65°	144.0	156.9	178.2	203.7	229.2	268.0	309.5	351.9	399.7	445.5	492.3
-67.5°	134.8	147.1	158.9	172.8	195.8	218.4	240.8	278.2	315.6	349.3	383.3
-70°	127.8	137.4	148.1	158.4	168.8	182.1	202.5	223.4	243.7	266.0	294.5
-72.5°	120.9	129.5	138.1	146.5	155.9	165.4	175.2	185.4	200.2	217.5	233.1
-75°	113.8	121.3	128.9	136.4	144.2	152.1	160.4	169.4	178.6	187.9	196.2
-77.5°	106.7	113.7	120.1	126.4	133.1	140.2	147.5	155.0	162.5	170.2	176.7
-80°	99.4	106.0	111.6	117.2	122.9	128.7	135.0	141.4	147.7	154.2	159.8
-82.5°	91.9	97.5	102.6	107.5	112.5	117.4	122.8	128.3	133.8	139.3	144.1
-85°	84.6	88.9	93.3	97.6	101.9	106.2	111.1	115.9	120.5	125.2	129.2
-87.5°	79.2	83.2	86.9	90.5	94.0	97.4	101.6	105.8	109.4	113.0	116.4
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	110.8	112.9	114.9	116.6	118.3	120.7	123.0	126.4	129.8	133.9	138.0
87.5°	1.3	1.3	1.3	1.0	0.7	0.7	0.7	0.7	0.7	1.0	1.4
85°	1.4	1.4	1.4	1.5	1.7	1.8	1.8	1.9	1.9	2.0	2.0
82.5°	1.7	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.3	2.7
80°	2.2	2.3	2.3	2.4	2.4	2.3	2.0	2.0	2.0	2.3	2.7
77.5°	2.8	2.8	2.7	2.6	2.4	2.2	2.0	2.0	2.0	2.0	2.1
75°	3.3	3.4	3.6	3.8	4.1	4.2	3.9	4.0	4.2	4.1	3.9
72.5°	7.5	7.7	7.7	8.6	9.4	9.8	10.0	10.7	11.4	12.5	13.7
70°	14.6	16.1	16.7	16.8	16.1	15.7	15.3	15.3	15.5	16.3	17.2
67.5°	21.1	21.7	21.4	21.2	19.9	18.3	16.6	15.7	16.1	16.9	18.0
65°	23.8	21.9	20.6	20.1	18.9	17.1	14.5	12.7	12.3	12.0	11.9
62.5°	21.4	18.1	16.4	15.5	13.9	12.3	9.9	8.0	7.3	6.9	6.8
60°	18.7	14.5	11.9	10.7	9.0	6.9	5.7	4.3	3.9	3.6	3.7
57.5°	16.2	12.0	9.0	8.5	6.9	5.4	4.4	3.2	2.9	2.7	2.8
55°	16.7	14.6	12.2	10.9	9.1	8.3	7.3	6.6	6.0	6.2	6.6
52.5°	23.6	25.3	22.3	21.5	26.8	26.9	22.2	29.4	33.8	37.1	38.1
50°	60.9	60.5	80.4	77.0	95.3	110.4	111.0	120.1	137.5	149.4	155.8
47.5°	161.6	179.8	203.0	227.3	246.4	270.1	294.1	312.0	316.4	316.9	320.1
45°	304.3	330.2	365.1	390.7	426.7	448.9	467.3	483.9	522.4	557.9	599.2
42.5°	424.9	453.2	489.4	541.4	579.3	680.4	835.3	873.3	878.8	910.3	956.1
40°	520.2	557.3	637.5	751.4	993.9	1211.4	1250.6	1283.3	1297.7	1280.2	1311.3
37.5°	635.4	722.4	903.1	1214.4	1329.4	1388.6	1430.2	1455.3	1485.7	1513.8	1529.0
35°	826.9	1069.3	1227.6	1393.9	1469.1	1499.1	1529.7	1560.5	1584.4	1615.5	1640.4
32.5°	1219.8	1489.7	1505.6	1546.7	1585.9	1624.9	1653.4	1682.8	1708.2	1748.5	1833.1
30°	1615.6	1674.5	1688.9	1692.6	1728.3	1775.0	1799.9	1859.1	1939.2	2031.0	2226.2
27.5°	1826.3	1866.8	1875.2	1879.3	1896.0	1951.2	2053.8	2134.7	2326.7	2559.9	3061.8
25°	2082.9	2111.6	2142.2	2140.9	2166.2	2264.2	2464.8	2635.6	3284.4	3891.6	5199.7
22.5°	2327.7	2414.8	2458.1	2516.2	2602.2	2780.6	3132.4	4120.7	5773.2	7882.2	10507.5
20°	2497.8	2615.0	2731.7	2893.9	3101.5	3471.7	4570.9	7528.5	11060.4	16185.6	20484.2
17.5°	2669.4	2801.7	3008.2	3258.5	3607.2	4850.0	8072.6	13094.5	20347.8	29446.5	37429.7
15°	2893.2	3050.2	3326.7	3684.0	4658.3	7311.2	12687.0	21824.9	32851.3	45641.4	59058.2
12.5°	3045.5	3261.9	3590.6	4052.1	5651.3	10619.9	19275.6	31802.4	46978.5	63094.5	84481.2
10°	3158.2	3416.9	3863.4	4820.1	7720.0	14272.1	24673.4	40306.8	61112.7	85674.7	110126.0
7.5°	3252.7	3601.2	4161.7	5367.3	9504.8	17765.4	31023.9	50025.5	74642.4	104238.4	132673.2
5°	3337.7	3799.7	4448.8	5957.1	11104.0	20294.6	35247.1	57283.6	85790.2	118114.0	149508.0
2.5°	3450.0	3985.6	4635.0	6119.3	11744.1	21696.1	38593.4	63144.3	93749.6	127752.1	161908.8
0°	3606.1	4106.4	4748.8	6223.2	11545.1	22574.2	40644.3	66085.7	97237.8	131800.2	167624.9
-2.5°	3728.9	4176.0	4815.1	6139.6	11447.7	22161.2	39718.7	64371.2	93822.8	127220.2	162955.8
-5°	3808.2	4226.0	4844.2	6170.8	11202.1	20582.8	36984.9	59878.8	86868.7	117016.2	150061.0
-7.5°	3854.6	4244.3	4814.0	5974.1	10086.3	18432.6	32118.9	51598.5	75810.7	103707.5	131016.7
-10°	3882.4	4232.5	4751.0	5695.7	8484.0	14979.8	25357.2	41866.6	62845.0	85324.0	107662.0
-12.5°	3892.9	4207.5	4662.1	5297.0	6802.2	11727.3	20185.2	31902.0	47474.5	65914.1	85597.5
-15°	3872.4	4171.2	4576.2	5125.9	6127.4	8791.4	14084.9	22053.7	33660.9	47739.5	62003.1
-17.5°	3796.3	4133.6	4449.0	4871.1	5460.5	6716.8	9938.6	15053.4	22131.8	31437.6	39666.9
-20°	3695.6	4062.9	4332.9	4705.9	5168.7	5743.7	6776.9	9898.5	13867.6	19255.0	24626.1



REPORT NUMBER: P1306096 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3605.8	3941.9	4281.4	4537.4	4899.9	5277.9	5744.5	6637.4	8631.8	11321.5	14726.3
-25°	3523.1	3830.7	4179.1	4455.9	4660.4	4927.6	5219.9	5532.7	6210.2	6845.4	8488.0
-27.5°	3406.5	3725.2	4027.3	4322.9	4519.9	4641.2	4840.4	5034.8	5318.5	5570.8	6053.2
-30°	3271.0	3582.7	3870.2	4138.7	4340.6	4468.1	4566.9	4700.6	4850.7	5003.5	5210.8
-32.5°	2787.8	3415.4	3683.0	3925.4	4133.7	4283.6	4388.2	4476.0	4562.6	4660.4	4769.7
-35°	2258.6	2878.4	3482.3	3671.3	3868.0	4066.6	4221.6	4304.5	4379.9	4448.5	4515.3
-37.5°	1836.3	2273.6	2815.6	3330.7	3569.8	3770.3	3956.7	4101.5	4207.2	4271.4	4331.5
-40°	1671.1	1781.8	2198.7	2623.0	3030.8	3401.2	3590.8	3804.7	3978.6	4072.9	4138.3
-42.5°	1631.6	1682.4	1721.4	1990.1	2314.6	2626.9	2972.5	3315.6	3584.8	3764.2	3897.6
-45°	1545.0	1618.2	1676.3	1700.2	1714.9	1942.6	2210.2	2472.2	2774.5	3086.8	3370.3
-47.5°	1422.4	1517.6	1583.2	1634.5	1665.1	1674.8	1693.6	1752.4	1971.9	2202.7	2422.4
-50°	1285.6	1372.9	1451.5	1522.9	1565.3	1599.8	1632.7	1664.3	1691.1	1724.8	1755.3
-52.5°	1147.9	1227.9	1298.5	1361.1	1417.4	1471.8	1524.0	1563.1	1601.2	1642.2	1675.5
-55°	1025.2	1090.1	1149.3	1204.3	1255.0	1300.9	1348.2	1398.6	1450.8	1501.9	1541.6
-57.5°	894.0	956.1	1012.1	1058.8	1099.6	1133.9	1177.3	1224.5	1273.7	1319.2	1353.7
-60°	761.8	816.6	867.9	913.1	951.9	983.8	1023.9	1063.9	1107.7	1146.6	1177.4
-62.5°	636.2	682.4	726.0	765.5	800.7	833.1	868.6	904.4	945.5	981.8	1011.2
-65°	531.8	567.6	597.5	625.4	647.2	675.2	709.6	742.6	778.4	809.8	836.0
-67.5°	418.7	451.7	479.1	503.5	522.7	542.7	568.2	594.4	622.2	647.2	669.1
-70°	319.9	342.1	359.9	378.1	397.8	416.9	437.3	459.7	483.1	503.7	521.8
-72.5°	246.8	257.8	268.1	283.0	296.2	309.5	322.4	338.5	355.8	371.4	385.5
-75°	203.9	210.7	218.6	225.6	231.8	238.9	246.0	256.4	267.8	278.6	288.6
-77.5°	182.9	187.8	191.8	195.1	198.0	202.3	206.8	214.6	223.0	232.1	241.1
-80°	165.1	168.9	172.3	175.2	177.8	181.3	184.9	191.8	199.0	206.6	214.3
-82.5°	148.7	151.7	154.4	157.0	159.5	162.6	165.6	171.6	177.7	184.1	190.5
-85°	133.2	135.8	138.1	140.3	142.4	145.0	147.5	152.6	157.8	163.3	168.7
-87.5°	119.7	122.0	124.3	126.3	128.2	130.4	132.6	137.1	141.7	146.2	150.7
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



REPORT NUMBER: P1306096 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	138.4	138.7	139.1	139.4	139.1	138.7	138.4	138.0	133.9	129.8	126.4
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	0.7
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
82.5°	2.3	2.0	2.3	2.7	2.3	2.0	2.3	2.7	2.3	2.0	2.0
80°	2.4	2.0	2.3	2.7	2.3	2.0	2.4	2.7	2.3	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0
75°	3.4	2.7	2.4	2.0	2.4	2.7	3.4	3.9	4.1	4.2	4.0
72.5°	14.0	14.0	14.2	14.3	14.2	14.0	14.0	13.7	12.5	11.4	10.7
70°	17.8	18.2	18.4	18.4	18.4	18.2	17.8	17.2	16.3	15.5	15.3
67.5°	18.1	17.8	17.4	17.0	17.4	17.8	18.1	18.0	16.9	16.1	15.7
65°	11.3	10.6	9.4	8.2	9.4	10.6	11.3	11.9	12.0	12.3	12.7
62.5°	6.6	6.3	6.1	6.1	6.1	6.3	6.6	6.8	6.9	7.3	8.0
60°	3.9	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.6	3.9	4.3
57.5°	2.9	3.3	3.7	4.1	3.7	3.3	2.9	2.8	2.7	2.9	3.2
55°	7.0	7.8	8.1	8.2	8.1	7.8	7.0	6.6	6.2	6.0	6.6
52.5°	36.7	34.9	33.2	31.9	33.2	34.9	36.7	38.1	37.1	33.8	29.4
50°	158.7	162.8	164.7	164.5	164.7	162.8	158.7	155.8	149.4	137.5	120.1
47.5°	326.8	329.1	327.2	322.2	327.2	329.1	326.8	320.1	316.9	316.4	312.0
45°	649.7	621.5	571.6	527.5	571.6	621.5	649.7	599.2	557.9	522.4	483.9
42.5°	1017.1	1050.8	1076.0	1087.6	1076.0	1050.8	1017.1	956.1	910.3	878.8	873.3
40°	1276.4	1240.4	1233.1	1238.5	1233.1	1240.4	1276.4	1311.3	1280.2	1297.7	1283.3
37.5°	1532.9	1565.6	1589.8	1550.5	1589.8	1565.6	1532.9	1529.0	1513.8	1485.7	1455.3
35°	1698.2	1814.5	1951.0	1992.4	1951.0	1814.5	1698.2	1640.4	1615.5	1584.4	1560.5
32.5°	1974.6	2097.4	2150.6	2163.7	2150.6	2097.4	1974.6	1833.1	1748.5	1708.2	1682.8
30°	2414.4	2537.1	2559.1	2577.0	2559.1	2537.1	2414.4	2226.2	2031.0	1939.2	1859.1
27.5°	3394.8	3669.2	3734.4	3780.2	3734.4	3669.2	3394.8	3061.8	2559.9	2326.7	2134.7
25°	6232.4	6946.2	7412.5	7367.2	7412.5	6946.2	6232.4	5199.7	3891.6	3284.4	2635.6
22.5°	13138.0	14539.1	15286.8	15273.5	15286.8	14539.1	13138.0	10507.5	7882.2	5773.2	4120.7
20°	26608.4	30754.3	32998.4	32742.7	32998.4	30754.3	26608.4	20484.2	16185.6	11060.4	7528.5
17.5°	46396.5	54404.0	59998.3	60227.5	59998.3	54404.0	46396.5	37429.7	29446.5	20347.8	13094.5
15°	71742.8	83624.0	92011.5	92010.4	92011.5	83624.0	71742.8	59058.2	45641.4	32851.3	21824.9
12.5°	102590.7	116792.7	126389.2	127828.4	126389.2	116792.7	102590.7	84481.2	63094.5	46978.5	31802.4
10°	132196.6	148283.2	162791.0	166785.4	162791.0	148283.2	132196.6	110126.0	85674.7	61112.7	40306.8
7.5°	157255.5	182561.0	195776.2	199938.4	195776.2	182561.0	157255.5	132673.2	104238.4	74642.4	50025.5
5°	181852.5	203756.5	214851.8	218063.9	214851.8	203756.5	181852.5	149508.0	118114.0	85790.2	57283.6
2.5°	194791.3	214896.9	230491.6	239535.5	230491.6	214896.9	194791.3	161908.8	127752.1	93749.6	63144.3
0°	199659.4	218761.3	239675.2	253919.9	239675.2	218761.3	199659.4	167624.9	131800.2	97237.8	66085.7
-2.5°	194790.1	213273.6	228685.8	236189.4	228685.8	213273.6	194790.1	162955.8	127220.2	93822.8	64371.2
-5°	180030.1	201770.8	212992.0	215832.9	212992.0	201770.8	180030.1	150061.0	117016.2	86868.7	59878.8
-7.5°	156456.1	177365.2	191123.2	194222.0	191123.2	177365.2	156456.1	131016.7	103707.5	75810.7	51598.5
-10°	130211.4	148071.3	157352.8	159648.0	157352.8	148071.3	130211.4	107662.0	85324.0	62845.0	41866.6
-12.5°	101177.1	114274.8	123749.3	125035.3	123749.3	114274.8	101177.1	85597.5	65914.1	47474.5	31902.0
-15°	75310.8	83972.8	91611.2	92488.9	91611.2	83972.8	75310.8	62003.1	47739.5	33660.9	22053.7
-17.5°	50454.3	57625.8	61899.7	63132.8	61899.7	57625.8	50454.3	39666.9	31437.6	22131.8	15053.4
-20°	30230.4	35362.2	38210.4	38317.4	38210.4	35362.2	30230.4	24626.1	19255.0	13867.6	9898.5



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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°	17538.2	20393.6	21900.5	21871.3	21900.5	20393.6	17538.2	14726.3	11321.5	8631.8	6637.4
-25°	10114.6	11364.8	11863.8	11881.5	11863.8	11364.8	10114.6	8488.0	6845.4	6210.2	5532.7
-27.5°	6440.4	6727.4	6842.4	6860.8	6842.4	6727.4	6440.4	6053.2	5570.8	5318.5	5034.8
-30°	5399.8	5567.7	5644.8	5666.5	5644.8	5567.7	5399.8	5210.8	5003.5	4850.7	4700.6
-32.5°	4872.2	4964.7	5027.1	5018.0	5027.1	4964.7	4872.2	4769.7	4660.4	4562.6	4476.0
-35°	4580.6	4637.8	4672.8	4689.7	4672.8	4637.8	4580.6	4515.3	4448.5	4379.9	4304.5
-37.5°	4391.5	4442.7	4475.8	4485.7	4475.8	4442.7	4391.5	4331.5	4271.4	4207.2	4101.5
-40°	4194.6	4237.3	4264.5	4274.3	4264.5	4237.3	4194.6	4138.3	4072.9	3978.6	3804.7
-42.5°	3982.3	4028.0	4049.8	4050.0	4049.8	4028.0	3982.3	3897.6	3764.2	3584.8	3315.6
-45°	3602.9	3743.7	3814.3	3817.5	3814.3	3743.7	3602.9	3370.3	3086.8	2774.5	2472.2
-47.5°	2622.3	2761.5	2873.5	2956.3	2873.5	2761.5	2622.3	2422.4	2202.7	1971.9	1752.4
-50°	1781.9	1791.1	1791.7	1783.7	1791.7	1791.1	1781.9	1755.3	1724.8	1691.1	1664.3
-52.5°	1701.5	1711.0	1717.9	1721.8	1717.9	1711.0	1701.5	1675.5	1642.2	1601.2	1563.1
-55°	1570.9	1582.9	1587.8	1585.9	1587.8	1582.9	1570.9	1541.6	1501.9	1450.8	1398.6
-57.5°	1376.9	1384.8	1388.5	1387.4	1388.5	1384.8	1376.9	1353.7	1319.2	1273.7	1224.5
-60°	1196.2	1202.0	1205.4	1205.2	1205.4	1202.0	1196.2	1177.4	1146.6	1107.7	1063.9
-62.5°	1027.7	1032.9	1036.8	1037.3	1036.8	1032.9	1027.7	1011.2	981.8	945.5	904.4
-65°	849.2	853.1	855.6	855.1	855.6	853.1	849.2	836.0	809.8	778.4	742.6
-67.5°	678.8	681.6	683.9	683.8	683.9	681.6	678.8	669.1	647.2	622.2	594.4
-70°	527.5	527.8	528.9	528.2	528.9	527.8	527.5	521.8	503.7	483.1	459.7
-72.5°	388.8	388.5	388.3	386.8	388.3	388.5	388.8	385.5	371.4	355.8	338.5
-75°	289.6	288.7	287.7	286.2	287.7	288.7	289.6	288.6	278.6	267.8	256.4
-77.5°	242.2	242.2	240.6	238.6	240.6	242.2	242.2	241.1	232.1	223.0	214.6
-80°	214.7	214.5	213.7	212.8	213.7	214.5	214.7	214.3	206.6	199.0	191.8
-82.5°	191.1	191.4	191.3	191.0	191.3	191.4	191.1	190.5	184.1	177.7	171.6
-85°	169.3	169.8	169.6	169.3	169.6	169.8	169.3	168.7	163.3	157.8	152.6
-87.5°	151.1	151.6	151.6	151.6	151.6	151.6	151.1	150.7	146.2	141.7	137.1
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	123.0	120.7	118.3	116.6	114.9	112.9	110.8	107.8	104.7	101.7	98.6
87.5°	0.7	0.7	0.7	1.0	1.3	1.3	1.3	1.3	1.2	1.3	1.4
85°	1.8	1.8	1.7	1.5	1.4	1.4	1.4	1.6	1.7	1.7	1.6
82.5°	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.8	2.0	2.0	2.0
80°	2.0	2.3	2.4	2.4	2.3	2.3	2.2	2.1	2.0	2.0	2.1
77.5°	2.0	2.2	2.4	2.6	2.7	2.8	2.8	2.7	2.6	2.8	2.8
75°	3.9	4.2	4.1	3.8	3.6	3.4	3.3	3.2	3.2	3.3	3.4
72.5°	10.0	9.8	9.4	8.6	7.7	7.7	7.5	6.8	5.6	4.2	3.4
70°	15.3	15.7	16.1	16.8	16.7	16.1	14.6	12.9	11.0	9.1	7.0
67.5°	16.6	18.3	19.9	21.2	21.4	21.7	21.1	20.0	19.7	18.0	13.0
65°	14.5	17.1	18.9	20.1	20.6	21.9	23.8	24.1	26.1	26.4	21.6
62.5°	9.9	12.3	13.9	15.5	16.4	18.1	21.4	24.9	29.8	31.9	27.6
60°	5.7	6.9	9.0	10.7	11.9	14.5	18.7	24.1	30.7	31.5	30.5
57.5°	4.4	5.4	6.9	8.5	9.0	12.0	16.2	22.7	29.3	30.6	28.8
55°	7.3	8.3	9.1	10.9	12.2	14.6	16.7	22.1	28.5	31.2	31.4
52.5°	22.2	26.9	26.8	21.5	22.3	25.3	23.6	27.8	32.1	35.7	37.0
50°	111.0	110.4	95.3	77.0	80.4	60.5	60.9	53.7	47.7	49.5	47.5
47.5°	294.1	270.1	246.4	227.3	203.0	179.8	161.6	127.6	117.4	83.2	82.4
45°	467.3	448.9	426.7	390.7	365.1	330.2	304.3	270.3	229.9	195.7	139.4
42.5°	835.3	680.4	579.3	541.4	489.4	453.2	424.9	395.7	365.6	322.6	270.2
40°	1250.6	1211.4	993.9	751.4	637.5	557.3	520.2	494.6	479.0	446.0	396.2
37.5°	1430.2	1388.6	1329.4	1214.4	903.1	722.4	635.4	585.7	581.8	551.2	507.1
35°	1529.7	1499.1	1469.1	1393.9	1227.6	1069.3	826.9	710.8	654.7	641.5	605.2
32.5°	1653.4	1624.9	1585.9	1546.7	1505.6	1489.7	1219.8	935.9	745.8	708.6	676.6
30°	1799.9	1775.0	1728.3	1692.6	1688.9	1674.5	1615.6	1269.7	962.2	766.9	744.8
27.5°	2053.8	1951.2	1896.0	1879.3	1875.2	1866.8	1826.3	1663.3	1218.7	929.7	803.0
25°	2464.8	2264.2	2166.2	2140.9	2142.2	2111.6	2082.9	1948.2	1616.8	1126.6	863.2
22.5°	3132.4	2780.6	2602.2	2516.2	2458.1	2414.8	2327.7	2201.9	2029.8	1409.1	1031.5
20°	4570.9	3471.7	3101.5	2893.9	2731.7	2615.0	2497.8	2382.1	2188.6	1752.0	1209.1
17.5°	8072.6	4850.0	3607.2	3258.5	3008.2	2801.7	2669.4	2521.5	2331.0	2023.7	1358.9
15°	12687.0	7311.2	4658.3	3684.0	3326.7	3050.2	2893.2	2704.5	2503.2	2192.5	1578.6
12.5°	19275.6	10619.9	5651.3	4052.1	3590.6	3261.9	3045.5	2890.5	2673.0	2368.5	1844.8
10°	24673.4	14272.1	7720.0	4820.1	3863.4	3416.9	3158.2	2991.0	2793.8	2529.6	2093.6
7.5°	31023.9	17765.4	9504.8	5367.3	4161.7	3601.2	3252.7	3061.8	2873.6	2592.9	2229.7
5°	35247.1	20294.6	11104.0	5957.1	4448.8	3799.7	3337.7	3112.9	2913.5	2613.0	2321.3
2.5°	38593.4	21696.1	11744.1	6119.3	4635.0	3985.6	3450.0	3176.2	2941.8	2637.1	2391.1
0°	40644.3	22574.2	11545.1	6223.2	4748.8	4106.4	3606.1	3246.5	2954.2	2652.4	2428.8
-2.5°	39718.7	22161.2	11447.7	6139.6	4815.1	4176.0	3728.9	3404.4	3022.8	2674.7	2444.9
-5°	36984.9	20582.8	11202.1	6170.8	4844.2	4226.0	3808.2	3504.7	3086.2	2701.2	2429.9
-7.5°	32118.9	18432.6	10086.3	5974.1	4814.0	4244.3	3854.6	3555.2	3165.6	2784.6	2412.6
-10°	25357.2	14979.8	8484.0	5695.7	4751.0	4232.5	3882.4	3559.3	3195.9	2844.8	2354.1
-12.5°	20185.2	11727.3	6802.2	5297.0	4662.1	4207.5	3892.9	3533.5	3207.3	2900.2	2283.7
-15°	14084.9	8791.4	6127.4	5125.9	4576.2	4171.2	3872.4	3485.2	3195.4	2924.9	2153.2
-17.5°	9938.6	6716.8	5460.5	4871.1	4449.0	4133.6	3796.3	3448.3	3158.5	2792.0	1952.2
-20°	6776.9	5743.7	5168.7	4705.9	4332.9	4062.9	3695.6	3393.5	3086.1	2513.4	1805.1



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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°	5744.5	5277.9	4899.9	4537.4	4281.4	3941.9	3605.8	3310.9	2979.9	2197.7	1642.9
-25°	5219.9	4927.6	4660.4	4455.9	4179.1	3830.7	3523.1	3179.8	2620.0	1936.7	1493.5
-27.5°	4840.4	4641.2	4519.9	4322.9	4027.3	3725.2	3406.5	2980.5	2208.6	1724.5	1497.7
-30°	4566.9	4468.1	4340.6	4138.7	3870.2	3582.7	3271.0	2548.4	1927.8	1558.5	1492.3
-32.5°	4388.2	4283.6	4133.7	3925.4	3683.0	3415.4	2787.8	2141.6	1668.9	1548.0	1457.2
-35°	4221.6	4066.6	3868.0	3671.3	3482.3	2878.4	2258.6	1793.3	1601.1	1523.3	1409.3
-37.5°	3956.7	3770.3	3569.8	3330.7	2815.6	2273.6	1836.3	1644.5	1576.5	1468.9	1338.2
-40°	3590.8	3401.2	3030.8	2623.0	2198.7	1781.8	1671.1	1618.2	1514.5	1396.3	1252.4
-42.5°	2972.5	2626.9	2314.6	1990.1	1721.4	1682.4	1631.6	1541.7	1432.4	1297.6	1161.9
-45°	2210.2	1942.6	1714.9	1700.2	1676.3	1618.2	1545.0	1441.2	1321.6	1194.3	1066.0
-47.5°	1693.6	1674.8	1665.1	1634.5	1583.2	1517.6	1422.4	1320.0	1204.4	1087.6	977.8
-50°	1632.7	1599.8	1565.3	1522.9	1451.5	1372.9	1285.6	1189.4	1087.7	989.7	886.1
-52.5°	1524.0	1471.8	1417.4	1361.1	1298.5	1227.9	1147.9	1068.3	982.3	886.9	791.0
-55°	1348.2	1300.9	1255.0	1204.3	1149.3	1090.1	1025.2	949.9	865.4	777.6	696.2
-57.5°	1177.3	1133.9	1099.6	1058.8	1012.1	956.1	894.0	820.7	746.2	672.7	601.8
-60°	1023.9	983.8	951.9	913.1	867.9	816.6	761.8	699.5	632.0	577.4	523.8
-62.5°	868.6	833.1	800.7	765.5	726.0	682.4	636.2	591.7	541.5	491.5	439.4
-65°	709.6	675.2	647.2	625.4	597.5	567.6	531.8	492.3	445.5	399.7	351.9
-67.5°	568.2	542.7	522.7	503.5	479.1	451.7	418.7	383.3	349.3	315.6	278.2
-70°	437.3	416.9	397.8	378.1	359.9	342.1	319.9	294.5	266.0	243.7	223.4
-72.5°	322.4	309.5	296.2	283.0	268.1	257.8	246.8	233.1	217.5	200.2	185.4
-75°	246.0	238.9	231.8	225.6	218.6	210.7	203.9	196.2	187.9	178.6	169.4
-77.5°	206.8	202.3	198.0	195.1	191.8	187.8	182.9	176.7	170.2	162.5	155.0
-80°	184.9	181.3	177.8	175.2	172.3	168.9	165.1	159.8	154.2	147.7	141.4
-82.5°	165.6	162.6	159.5	157.0	154.4	151.7	148.7	144.1	139.3	133.8	128.3
-85°	147.5	145.0	142.4	140.3	138.1	135.8	133.2	129.2	125.2	120.5	115.9
-87.5°	132.6	130.4	128.2	126.3	124.3	122.0	119.7	116.4	113.0	109.4	105.8
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	94.5	90.4	87.4	84.3	80.9	77.5	73.8	70.0	65.3	60.5	54.7
87.5°	1.4	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	2.0
85°	1.6	1.6	1.8	2.0	2.0	2.0	2.0	1.9	2.1	2.3	2.3
82.5°	2.0	2.0	2.0	2.0	2.2	2.3	2.3	2.2	2.5	2.7	2.6
80°	2.3	2.4	2.3	2.2	2.4	2.7	2.6	2.5	2.8	3.0	2.9
77.5°	2.8	2.8	2.7	2.6	2.6	2.7	2.8	2.8	3.0	3.2	3.2
75°	3.4	3.2	2.8	2.8	2.9	2.8	3.0	3.2	3.5	3.5	3.6
72.5°	3.4	3.4	3.1	3.0	3.4	3.6	3.6	3.6	3.9	4.1	4.0
70°	5.2	4.0	3.8	3.9	4.2	4.4	4.4	4.5	4.5	4.7	4.7
67.5°	8.3	6.8	5.7	4.9	4.9	5.3	5.4	5.7	5.7	5.4	5.5
65°	15.9	11.5	8.1	7.1	6.2	6.2	6.4	6.9	7.0	6.8	6.2
62.5°	22.7	17.6	13.5	10.1	8.4	8.4	7.5	8.4	8.4	8.3	7.5
60°	28.9	23.6	19.5	16.0	12.9	11.4	10.8	9.9	10.2	9.9	9.1
57.5°	29.1	28.6	26.8	22.7	19.8	16.6	14.9	13.5	12.2	12.1	10.8
55°	29.5	29.9	33.5	31.0	28.1	23.7	20.8	18.3	15.3	14.5	12.5
52.5°	35.3	36.3	39.1	41.0	38.8	32.8	29.6	23.4	21.1	17.2	15.1
50°	45.3	48.8	49.2	52.7	50.9	46.9	39.3	33.0	27.4	21.0	17.7
47.5°	70.7	73.9	67.7	69.3	66.2	63.2	54.0	44.4	34.2	27.4	20.6
45°	134.4	115.7	104.8	95.8	87.6	84.1	71.8	57.1	45.9	34.0	23.5
42.5°	217.9	189.7	167.8	127.4	122.8	108.7	93.2	76.4	58.5	41.0	28.3
40°	335.6	281.8	244.6	201.6	166.2	136.5	120.7	98.3	71.9	49.8	34.6
37.5°	446.4	377.7	330.4	278.2	220.9	182.0	151.0	121.7	87.9	62.1	41.0
35°	535.6	467.3	403.2	349.3	291.2	227.6	183.5	147.9	108.5	74.9	47.5
32.5°	616.4	543.8	471.1	410.4	347.4	272.0	221.5	173.9	129.2	88.2	54.3
30°	688.0	618.7	535.8	460.6	393.6	318.6	257.4	198.2	150.0	101.8	62.2
27.5°	766.2	696.2	601.5	515.1	434.3	359.0	286.1	220.8	170.8	115.7	72.6
25°	839.6	768.5	674.6	576.4	475.4	391.3	312.8	241.9	190.2	129.7	82.4
22.5°	888.9	829.4	741.8	641.2	520.8	422.7	338.9	264.8	203.3	142.6	91.6
20°	928.6	882.9	801.1	690.1	570.1	459.9	365.0	283.3	215.6	154.2	100.2
17.5°	985.2	926.1	843.2	731.3	615.3	497.4	390.2	300.7	226.8	164.6	108.2
15°	1124.4	964.0	884.2	770.0	650.2	529.4	414.7	317.2	237.0	173.8	115.3
12.5°	1268.8	1000.8	923.8	803.6	676.0	556.8	438.2	332.5	246.1	183.1	121.7
10°	1404.3	1032.8	960.6	834.2	698.3	579.8	460.4	349.3	259.7	192.8	127.4
7.5°	1518.9	1061.9	995.3	861.9	718.5	600.6	482.8	370.3	273.5	201.6	132.4
5°	1615.6	1088.8	1028.9	896.0	742.5	619.7	502.5	389.7	286.4	209.5	136.8
2.5°	1681.5	1113.1	1059.2	927.8	763.4	635.6	519.4	407.3	298.1	216.5	140.5
0°	1725.2	1135.2	1084.9	955.1	781.0	648.5	533.6	422.8	308.6	222.3	143.4
-2.5°	1739.0	1158.2	1106.0	978.2	809.1	665.6	544.0	430.0	315.7	228.8	148.3
-5°	1729.2	1179.5	1123.2	996.6	832.7	679.4	551.7	435.0	321.3	234.0	152.3
-7.5°	1699.7	1203.4	1137.5	1010.4	850.8	689.3	556.5	437.6	325.2	237.9	155.5
-10°	1649.3	1227.4	1149.0	1015.5	853.6	694.4	558.7	437.9	327.7	240.3	157.7
-12.5°	1585.9	1249.3	1156.1	1014.6	850.2	695.4	560.7	437.0	328.4	241.1	158.9
-15°	1504.8	1277.0	1165.2	1008.3	842.7	693.3	559.0	433.6	326.3	239.7	158.9
-17.5°	1398.6	1302.9	1171.0	1000.2	832.3	688.0	553.3	427.2	322.5	235.8	157.5
-20°	1395.9	1314.0	1167.8	984.6	817.5	678.4	543.7	417.7	316.8	230.5	154.9



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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°	1415.3	1309.4	1149.5	963.9	799.8	664.7	531.0	405.1	309.2	223.8	151.2
-25°	1426.0	1300.6	1123.8	941.6	781.6	647.4	516.1	392.0	299.8	215.7	146.7
-27.5°	1408.6	1274.5	1090.3	911.9	761.0	626.7	498.9	382.6	291.3	206.3	141.1
-30°	1378.8	1225.1	1049.3	877.4	734.2	602.9	478.6	371.2	281.8	198.6	134.7
-32.5°	1334.5	1171.9	1003.0	844.3	703.7	575.5	455.6	357.6	270.8	192.1	130.5
-35°	1264.6	1112.0	953.4	807.1	669.9	547.5	433.6	341.9	258.3	183.9	126.9
-37.5°	1189.1	1043.2	907.5	766.6	634.5	517.0	414.2	325.2	244.3	173.9	122.8
-40°	1109.9	973.7	848.4	722.9	598.1	484.1	392.1	306.4	230.6	162.2	117.9
-42.5°	1027.0	905.7	787.3	672.0	558.4	456.3	367.2	284.7	214.3	153.5	112.1
-45°	949.4	834.5	722.8	618.2	516.1	425.4	339.7	260.7	196.0	145.9	107.8
-47.5°	867.8	760.5	658.0	560.9	477.5	391.0	308.7	238.4	176.5	137.2	106.1
-50°	783.7	685.3	592.0	508.9	432.6	352.8	276.3	214.3	164.8	127.0	104.0
-52.5°	698.5	609.5	530.2	457.3	384.1	311.1	246.3	189.5	152.2	121.4	101.5
-55°	612.5	540.3	471.6	402.0	332.9	272.2	213.9	173.7	138.8	117.6	98.7
-57.5°	538.8	474.8	408.5	343.2	285.8	232.5	189.7	157.1	132.0	113.6	96.8
-60°	465.6	402.8	341.5	290.1	241.2	200.5	170.5	143.4	127.0	109.5	94.5
-62.5°	383.9	329.8	284.3	239.6	205.6	177.3	152.6	136.6	121.5	106.2	91.8
-65°	309.5	268.0	229.2	203.7	178.2	156.9	144.0	129.3	116.5	102.7	89.0
-67.5°	240.8	218.4	195.8	172.8	158.9	147.1	134.8	123.2	111.6	98.8	86.1
-70°	202.5	182.1	168.8	158.4	148.1	137.4	127.8	117.6	106.6	95.1	83.0
-72.5°	175.2	165.4	155.9	146.5	138.1	129.5	120.9	111.8	101.6	91.1	79.7
-75°	160.4	152.1	144.2	136.4	128.9	121.3	113.8	105.6	96.4	87.0	76.1
-77.5°	147.5	140.2	133.1	126.4	120.1	113.7	106.7	99.2	90.9	82.4	72.4
-80°	135.0	128.7	122.9	117.2	111.6	106.0	99.4	92.8	85.3	77.6	68.5
-82.5°	122.8	117.4	112.5	107.5	102.6	97.5	91.9	86.3	79.5	72.7	64.7
-85°	111.1	106.2	101.9	97.6	93.3	88.9	84.6	80.2	74.5	68.7	61.5
-87.5°	101.6	97.4	94.0	90.5	86.9	83.2	79.2	75.2	69.9	64.6	58.1
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	48.9	41.1	33.3	24.1	15.0	8.5	2.0
87.5°	2.2	2.2	2.2	2.2	2.1	2.2	2.0
85°	2.4	2.5	2.5	2.4	2.2	2.3	2.0
82.5°	2.6	2.7	2.7	2.5	2.4	2.5	2.0
80°	2.8	2.9	3.0	2.7	2.5	2.7	2.0
77.5°	3.2	3.2	3.2	2.9	2.7	2.8	2.0
75°	3.6	3.6	3.5	3.1	2.8	3.0	2.0
72.5°	4.0	4.0	3.8	3.3	3.0	3.2	2.0
70°	4.4	4.4	4.2	3.5	3.2	3.3	2.0
67.5°	5.2	4.8	4.6	3.9	3.3	3.5	2.0
65°	6.1	5.5	5.0	4.3	3.6	3.7	2.0
62.5°	7.0	6.4	5.5	4.7	3.8	3.9	2.0
60°	8.0	7.3	5.9	5.1	4.0	4.1	2.0
57.5°	9.5	8.3	6.8	5.6	4.5	4.2	2.0
55°	11.1	9.3	7.8	6.0	5.0	4.4	2.0
52.5°	12.7	10.4	8.8	6.4	5.5	4.6	2.0
50°	14.4	11.9	9.8	6.9	6.0	4.8	2.0
47.5°	16.2	13.5	10.8	7.4	6.5	5.0	2.0
45°	18.7	15.2	11.8	8.2	7.0	5.2	2.0
42.5°	21.3	16.9	12.9	9.0	7.5	5.4	2.0
40°	24.1	18.6	14.1	10.0	8.0	5.6	2.0
37.5°	27.2	20.4	15.5	11.2	8.6	5.8	2.0
35°	30.3	22.7	16.9	12.3	9.1	6.0	2.0
32.5°	34.3	25.2	18.3	13.4	9.7	6.1	2.0
30°	39.9	27.7	19.6	14.5	10.3	6.3	2.0
27.5°	45.5	30.2	21.4	15.7	10.8	6.5	2.0
25°	50.9	32.7	23.2	16.8	11.4	6.7	2.0
22.5°	56.3	35.2	24.9	17.9	11.9	6.9	2.0
20°	61.5	37.7	26.6	19.0	12.5	7.1	2.0
17.5°	66.3	40.2	28.3	20.0	13.0	7.2	2.0
15°	70.7	42.5	29.9	21.1	13.5	7.4	2.0
12.5°	74.8	44.7	31.4	22.1	14.0	7.5	2.0
10°	78.5	46.8	32.9	23.1	14.5	7.7	2.0
7.5°	81.9	48.7	34.3	24.0	15.0	7.8	2.0
5°	84.9	50.5	35.7	24.9	15.5	8.0	2.0
2.5°	87.5	52.2	36.9	25.7	15.9	8.1	2.0
0°	89.7	53.7	38.1	26.5	16.3	8.2	2.0
-2.5°	92.6	56.0	39.8	27.7	17.0	8.5	2.0
-5°	95.0	58.1	41.4	28.8	17.7	8.9	2.0
-7.5°	97.0	60.0	42.9	29.9	18.4	9.2	2.0
-10°	98.6	61.8	44.3	30.8	19.0	9.5	2.0
-12.5°	99.6	63.3	45.5	31.7	19.6	9.7	2.0
-15°	100.2	64.7	46.7	32.6	20.1	10.0	2.0
-17.5°	100.2	65.9	47.7	33.3	20.6	10.2	2.0
-20°	99.9	66.9	48.7	34.0	21.1	10.5	2.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.1	67.6	49.4	34.6	21.5	10.7	2.0
-25°	97.8	68.3	50.1	35.1	21.9	10.9	2.0
-27.5°	96.0	68.9	50.6	35.5	22.2	11.0	2.0
-30°	93.7	69.2	51.0	35.8	22.5	11.2	2.0
-32.5°	90.8	69.4	51.5	36.0	22.7	11.3	2.0
-35°	89.8	69.3	51.9	36.2	22.8	11.4	2.0
-37.5°	89.5	69.3	52.1	36.2	23.0	11.5	2.0
-40°	88.9	69.4	52.2	36.2	23.0	11.6	2.0
-42.5°	88.2	69.3	52.2	36.1	23.0	11.6	2.0
-45°	87.1	69.1	52.2	36.0	23.0	11.6	2.0
-47.5°	85.7	68.8	52.0	35.9	22.9	11.6	2.0
-50°	84.7	68.2	51.6	35.8	22.8	11.6	2.0
-52.5°	83.6	67.6	51.1	35.6	22.6	11.6	2.0
-55°	82.3	66.5	50.4	35.4	22.3	11.5	2.0
-57.5°	80.8	65.4	49.7	35.1	22.0	11.4	2.0
-60°	79.0	64.0	48.8	34.7	21.7	11.3	2.0
-62.5°	77.2	62.5	48.0	34.2	21.4	11.2	2.0
-65°	75.1	60.9	47.1	33.6	21.0	11.0	2.0
-67.5°	72.9	59.2	46.2	32.9	20.6	10.8	2.0
-70°	70.5	57.5	45.1	32.1	20.1	10.6	2.0
-72.5°	68.0	55.7	43.8	31.4	19.6	10.4	2.0
-75°	65.4	53.7	42.5	30.5	19.1	10.2	2.0
-77.5°	62.5	51.6	41.2	29.6	18.5	10.0	2.0
-80°	59.5	49.6	39.8	28.7	17.8	9.7	2.0
-82.5°	56.9	47.6	38.3	27.6	17.2	9.4	2.0
-85°	54.4	45.5	36.7	26.5	16.5	9.1	2.0
-87.5°	51.7	43.3	35.0	25.4	15.8	8.8	2.0
-90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0

(END OF REPORT)