

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: P1306088 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306088 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-320N-57-70-1S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

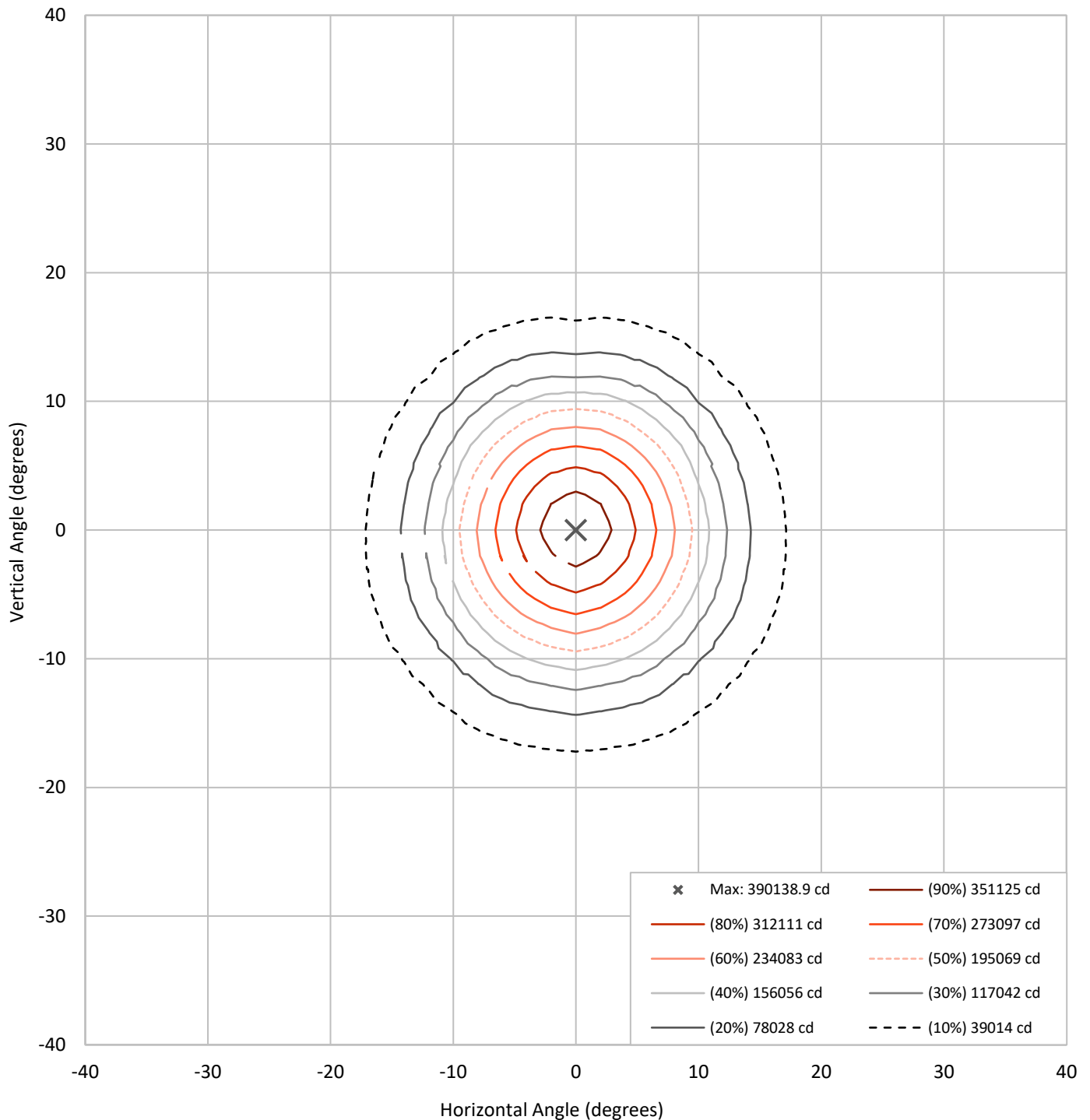
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	51424 lumens	Max Intensity:	390138.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	22795.4 lumens	Field Lumens:	41518.3 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%

Input Watts (W): 336
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



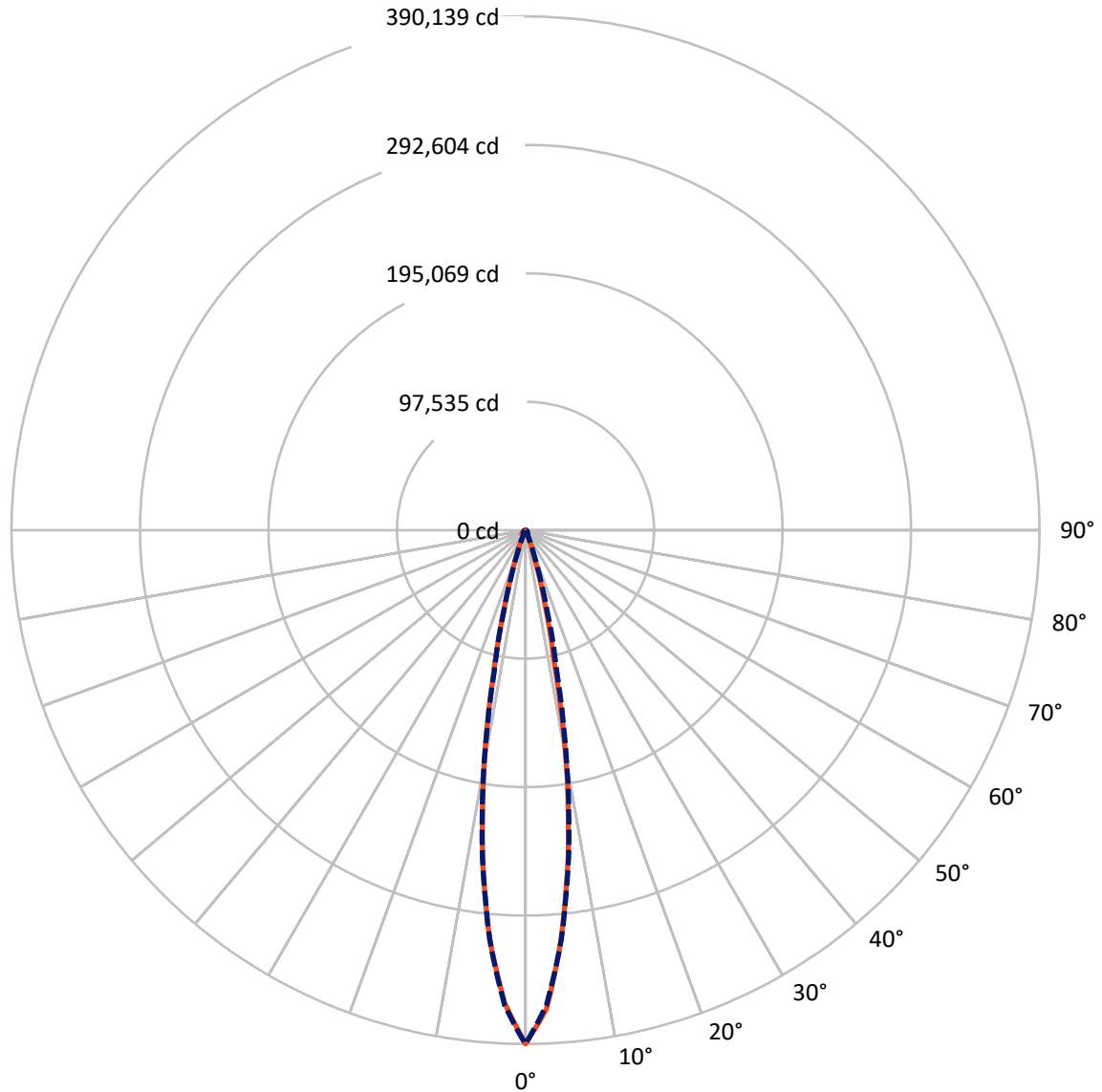
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Lumen Table

90	0.2	0.7		1.3		1.8		2.0		1.8		1.3		0.7		0.2			
80	0.2	0.7		1.3		1.8		2.0		1.8		1.3		0.7		0.2			
70	0.2	0.1	0.2	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.2	0.1	0.2			
60		0.3	0.6	0.7	0.6	0.6	0.7	0.8	0.8	0.7	0.6	0.6	0.7	0.6	0.3				
50	0.7	0.9	1.9	3.7	5.8	10.0	15.2	16.9	16.9	15.2	10.0	5.8	3.7	1.9	0.9	0.7			
40		2.0	5.5	10.0	21.0	34.4	38.5	40.4	40.4	38.5	34.4	21.0	10.0	5.5	2.0				
30	1.7	3.3	9.1	18.6	44.3	46.9	57.0	94.3	94.3	57.0	46.9	44.3	18.6	9.1	3.3	1.7			
20		4.5	11.6	33.1	58.6	69.2	430.9	1717.2	1717.2	430.9	69.2	58.6	33.1	11.6	4.5				
10	2.5	5.5	13.7	43.8	65.4	129.1	1741.1	7243.9	7243.9	1741.1	129.1	65.4	43.8	13.7	5.5	2.5			
0		6.2	15.3	46.8	72.7	144.4	1830.4	7209.0	7209.0	1830.4	144.4	72.7	46.8	15.3	6.2				
-10	2.9	6.4	16.4	46.2	80.6	99.3	508.2	1860.6	1860.6	508.2	99.3	80.6	46.2	16.4	6.4	2.9			
-20		6.2	16.6	35.8	82.1	100.5	109.7	170.3	170.3	109.7	100.5	82.1	35.8	16.6	6.2				
-30	2.7	5.6	15.5	28.5	60.1	101.0	113.5	114.8	114.8	113.5	101.0	60.1	28.5	15.5	5.6	2.7			
-40		4.6	12.7	24.9	37.3	56.3	83.4	104.0	104.0	83.4	56.3	37.3	24.9	12.7	4.6				
-50	2.3	3.6	9.2	18.2	29.0	37.8	44.0	48.0	48.0	44.0	37.8	29.0	18.2	9.2	3.6	2.3			
-60		2.9	6.0	11.1	17.5	23.5	28.7	32.1	32.1	28.7	23.5	17.5	11.1	6.0	2.9				
-70	1.6	10.8		25.9		40.7		48.6		40.7		25.9		10.8		1.6			
-80		10.8		25.9		40.7		48.6		40.7		25.9		10.8					
-90	1.6	10.8		25.9		40.7		48.6		40.7		25.9		10.8		1.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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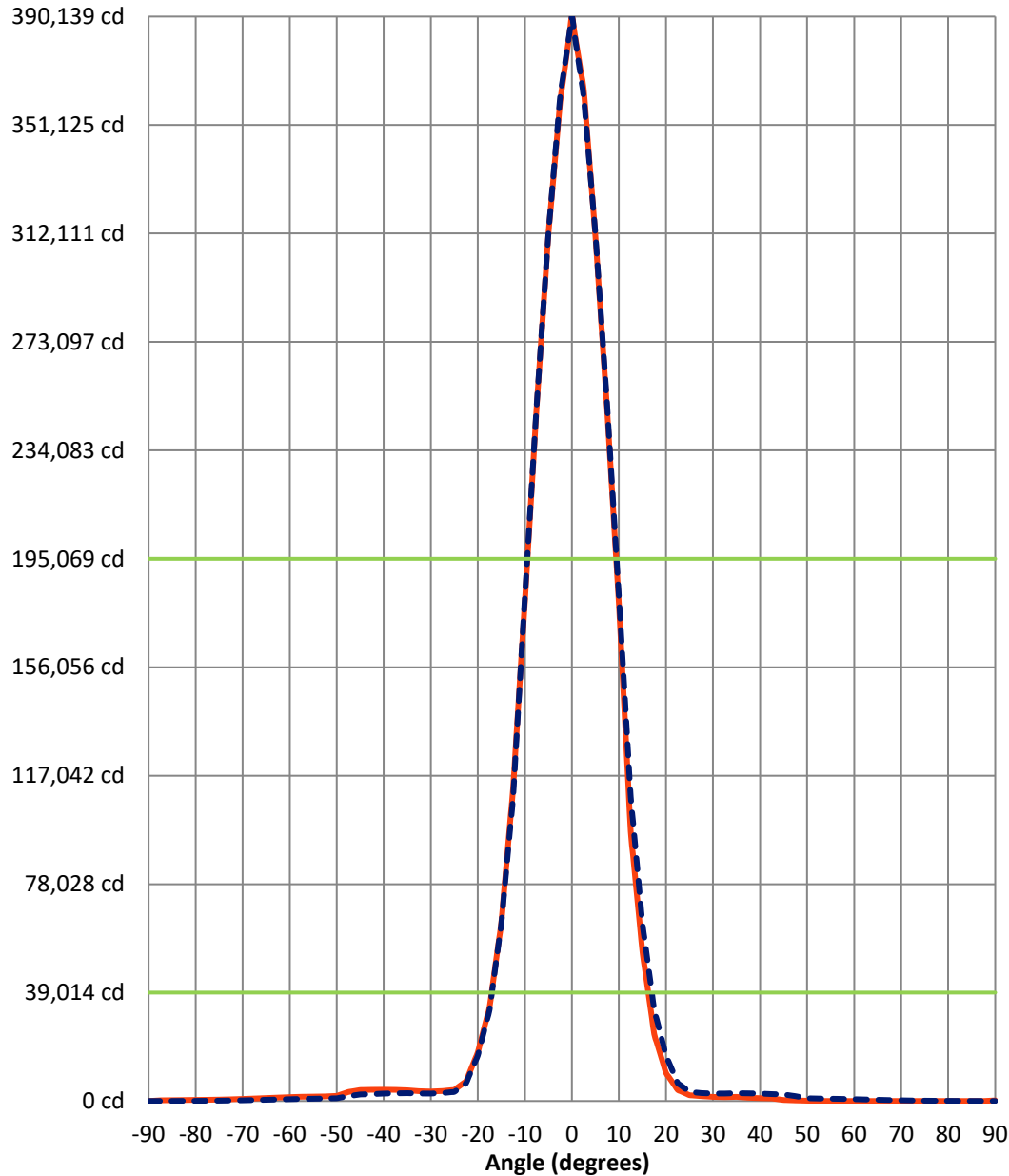
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 19°
 V Angle: 18.9°
 Lumens: 22795.4
 Efficiency: 44.3%

Field:
 H Angle: 34°
 V Angle: 33.3°
 Lumens: 41518.3
 Efficiency: 80.7%

Spill:
 Lumens: 9905.7
 Efficiency: 19.3%

— 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°	5.6	14.9	24.2	36.3	48.4	60.5	72.6	81.2	89.9	98.5	107.1
87.5°	5.6	4.8	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.7	3.7
85°	5.6	5.0	4.0	4.1	4.0	3.9	3.7	3.7	3.7	3.7	3.7
82.5°	5.6	5.1	4.2	4.3	4.2	4.0	3.7	3.7	3.7	3.8	3.7
80°	5.6	5.3	4.4	4.5	4.4	4.1	3.8	4.0	4.1	4.0	3.7
77.5°	5.6	5.5	4.6	4.6	4.6	4.4	4.3	4.4	4.4	4.2	3.9
75°	5.6	5.7	4.8	4.8	4.8	5.1	4.9	4.9	4.8	4.8	4.5
72.5°	5.6	5.8	5.0	5.0	5.5	5.8	5.5	5.5	5.7	5.6	5.1
70°	5.6	6.0	5.3	5.3	6.2	6.5	6.2	6.5	6.7	6.4	6.1
67.5°	5.6	6.2	5.5	5.9	6.9	7.2	7.4	7.5	7.7	7.9	7.4
65°	5.6	6.4	5.8	6.6	7.6	8.2	8.7	8.6	9.4	9.5	9.0
62.5°	5.6	6.6	6.1	7.2	8.4	9.6	10.1	10.2	11.2	11.4	11.4
60°	5.6	6.8	6.3	7.8	9.1	11.0	11.5	12.1	13.2	14.1	14.0
57.5°	5.6	7.0	7.0	8.5	10.4	12.5	13.8	14.2	15.8	17.0	18.6
55°	5.6	7.2	7.6	9.1	11.7	14.0	16.3	16.8	18.7	20.7	24.4
52.5°	5.6	7.4	8.3	9.7	13.1	15.7	18.9	20.3	21.8	27.0	30.8
50°	5.6	7.6	9.0	10.4	14.5	18.2	21.7	24.2	25.9	33.6	40.9
47.5°	5.6	7.8	9.7	11.1	15.9	20.7	24.8	28.3	32.5	40.7	52.1
45°	5.6	8.0	10.4	12.2	17.3	23.3	28.7	32.8	40.5	51.7	64.0
42.5°	5.6	8.2	11.2	13.3	18.7	26.0	32.8	39.1	49.0	63.2	81.9
40°	5.6	8.4	12.0	14.7	20.5	28.8	37.1	46.7	58.9	75.4	101.9
37.5°	5.6	8.6	12.8	16.3	22.7	31.6	41.5	54.5	71.1	91.1	123.3
35°	5.6	8.8	13.6	18.0	24.8	34.9	46.0	62.5	83.7	110.9	147.3
32.5°	5.6	9.0	14.4	19.7	26.9	38.5	51.2	70.5	96.5	130.3	172.3
30°	5.6	9.2	15.2	21.5	29.1	42.1	57.8	79.3	109.5	149.2	196.3
27.5°	5.6	9.4	16.0	23.2	32.1	45.8	64.3	89.9	123.6	167.7	219.2
25°	5.6	9.6	16.8	25.0	35.2	49.4	70.7	100.5	139.2	186.7	241.1
22.5°	5.6	9.8	17.7	26.7	38.2	53.3	77.1	110.9	154.1	205.3	265.1
20°	5.6	9.9	18.5	28.5	41.3	57.7	83.3	121.1	168.4	222.8	287.9
17.5°	5.6	10.1	19.3	30.2	44.2	61.9	89.5	131.1	182.0	239.2	309.2
15°	5.6	10.3	20.1	31.9	47.1	66.0	95.6	140.3	194.9	254.5	329.1
12.5°	5.6	10.5	20.8	33.6	50.0	70.0	101.2	148.3	206.7	268.6	347.5
10°	5.6	10.6	21.6	35.2	52.7	73.7	106.6	155.6	217.3	284.0	366.3
7.5°	5.6	10.8	22.3	36.7	55.3	77.2	111.5	162.3	227.3	299.1	388.3
5°	5.6	10.9	23.0	38.2	57.8	80.6	116.1	168.2	236.3	313.2	409.0
2.5°	5.6	11.1	23.6	39.7	60.2	83.7	120.2	173.4	244.4	326.3	428.0
0°	5.6	11.2	24.2	41.0	62.4	86.6	123.9	177.9	251.4	338.0	445.1
-2.5°	5.6	11.7	25.5	43.2	65.2	90.2	128.3	184.0	259.6	347.1	454.7
-5°	5.6	12.3	26.8	45.2	67.8	93.5	132.2	189.2	266.6	354.5	462.1
-7.5°	5.6	12.8	28.0	47.1	70.3	96.6	135.7	193.7	272.2	360.4	467.3
-10°	5.6	13.3	29.1	49.0	72.5	99.5	138.7	197.2	276.5	364.7	470.3
-12.5°	5.6	13.8	30.2	50.7	74.6	102.0	141.2	199.7	279.2	367.6	473.5
-15°	5.6	14.2	31.2	52.2	76.6	104.3	143.2	201.3	280.8	370.3	475.3
-17.5°	5.6	14.7	32.1	53.7	78.3	106.3	144.8	202.5	281.3	371.0	474.5
-20°	5.6	15.1	32.9	55.0	79.8	108.0	146.1	203.0	280.3	369.9	471.1



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 CATALOG NUMBER: EPH-08-320N-57-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.6	15.5	33.7	56.1	81.2	109.4	147.3	202.5	277.8	366.9	465.1
-25°	5.6	15.9	34.3	57.1	82.4	110.8	147.9	200.8	273.8	361.9	456.3
-27.5°	5.6	16.2	34.9	57.9	83.4	111.9	147.9	198.0	268.2	355.3	448.9
-30°	5.6	16.5	35.3	58.6	84.2	112.7	147.3	194.0	263.0	347.6	439.4
-32.5°	5.6	16.8	35.7	59.1	84.9	113.1	146.0	191.8	257.5	338.0	427.6
-35°	5.6	17.1	36.0	59.5	85.3	113.1	145.5	189.7	250.5	326.7	413.6
-37.5°	5.6	17.3	36.1	59.6	85.5	113.0	145.2	186.8	242.0	313.6	399.1
-40°	5.6	17.5	36.2	59.7	85.4	113.0	144.5	183.1	232.1	301.5	382.5
-42.5°	5.6	17.6	36.1	59.5	85.2	112.7	143.3	178.6	225.0	288.4	363.3
-45°	5.6	17.8	36.0	59.2	84.7	112.0	141.6	174.7	218.9	273.5	342.1
-47.5°	5.6	17.9	35.7	58.7	84.0	111.0	139.5	172.2	211.7	257.1	323.4
-50°	5.6	17.9	35.4	58.1	83.1	109.7	137.7	169.1	203.1	247.1	302.7
-52.5°	5.6	18.0	34.9	57.3	81.9	108.0	135.7	165.5	196.9	235.8	281.1
-55°	5.6	18.0	34.3	56.4	80.5	106.2	133.2	161.5	191.5	223.3	266.7
-57.5°	5.6	17.9	33.7	55.4	78.9	104.0	130.4	158.0	185.5	215.0	250.9
-60°	5.6	17.9	32.9	54.2	77.1	101.5	127.2	153.7	179.3	207.5	236.6
-62.5°	5.6	17.8	32.6	52.8	75.1	98.8	123.7	149.0	173.6	199.4	227.3
-65°	5.6	17.6	32.2	51.3	72.9	95.7	119.8	143.9	167.5	191.8	217.4
-67.5°	5.6	17.5	31.7	49.6	70.5	92.5	115.6	138.3	160.9	184.1	208.0
-70°	5.6	17.3	31.1	47.9	67.9	88.9	111.0	132.3	153.6	175.9	198.5
-72.5°	5.6	17.1	30.4	46.6	65.1	85.2	106.2	126.0	146.0	166.7	188.3
-75°	5.6	16.8	29.7	45.4	62.2	81.2	101.0	119.3	137.9	157.2	177.1
-77.5°	5.6	16.6	28.9	44.1	60.0	77.0	95.6	112.3	129.4	147.1	165.3
-80°	5.6	16.3	28.1	42.7	57.9	73.6	89.9	105.0	120.5	136.4	152.9
-82.5°	5.6	16.0	27.2	41.3	55.7	70.5	85.7	98.2	111.3	125.4	140.0
-85°	5.6	15.6	26.2	39.7	53.4	67.3	81.5	92.7	104.2	115.9	128.0
-87.5°	5.6	15.3	25.2	38.0	50.9	64.0	77.1	87.0	97.1	107.3	117.6
-90°	5.6	4.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	115.3	123.4	131.6	139.7	145.8	151.8	157.9	163.9	169.0	174.2	179.3
87.5°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1
85°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1
82.5°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.5	2.4
80°	3.5	3.3	3.2	3.1	3.1	3.1	3.0	2.8	2.8	2.8	2.8
77.5°	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.1
75°	4.3	4.3	4.2	3.9	3.6	3.6	3.7	3.7	3.6	3.3	3.1
72.5°	4.9	4.8	4.6	4.0	3.9	4.0	4.0	3.8	4.1	4.6	5.1
70°	5.6	5.5	5.3	4.9	4.4	4.7	5.4	6.1	6.8	7.9	9.5
67.5°	6.6	6.8	6.6	6.2	6.1	7.0	7.9	10.8	14.1	15.9	16.6
65°	8.2	8.4	8.8	9.0	8.4	11.0	14.4	18.3	21.9	22.6	22.1
62.5°	10.2	11.3	12.1	12.8	13.8	16.4	20.3	24.2	28.2	27.0	23.3
60°	14.2	14.8	17.0	19.1	19.9	21.3	25.5	27.7	29.0	28.2	22.0
57.5°	19.1	20.1	23.8	26.3	27.0	25.4	27.0	28.3	28.2	24.9	19.1
55°	25.9	27.2	31.7	34.9	34.7	28.6	28.3	29.6	27.5	24.2	18.8
52.5°	35.6	36.4	41.4	44.9	43.6	37.3	32.8	34.9	34.5	30.2	25.7
50°	46.4	50.5	52.4	57.3	57.0	51.9	43.3	47.6	55.1	53.7	47.3
47.5°	61.7	67.0	67.2	73.2	75.9	80.4	73.2	82.2	93.4	116.1	108.9
45°	80.0	88.8	89.5	95.1	109.1	126.1	132.8	132.3	188.6	208.9	223.6
42.5°	100.2	114.4	120.4	120.1	165.3	191.0	205.5	252.0	294.8	307.6	314.6
40°	125.8	142.9	156.0	185.2	232.0	267.5	304.2	353.9	377.2	379.5	379.6
37.5°	153.8	178.8	199.9	249.6	309.3	348.8	394.4	415.7	431.9	432.8	451.2
35°	183.9	217.6	256.6	312.0	377.8	422.5	448.9	468.2	477.0	497.3	586.4
32.5°	218.5	259.0	309.9	371.6	434.4	480.0	495.8	512.4	533.9	594.1	855.5
30°	253.2	305.7	360.6	427.0	490.7	522.8	539.4	560.3	594.0	828.7	1190.9
27.5°	282.8	349.4	409.3	478.5	543.5	565.8	585.1	616.4	759.6	1088.8	1592.1
25°	311.0	384.2	454.4	529.4	583.3	607.8	632.1	674.5	954.1	1475.8	1819.3
22.5°	339.3	419.3	495.3	579.8	622.8	648.3	685.5	844.1	1235.2	1862.4	2023.9
20°	368.3	454.4	535.9	620.4	660.8	687.3	738.4	1036.2	1578.8	2027.4	2177.0
17.5°	396.8	488.2	574.1	649.1	691.0	728.5	809.4	1229.4	1888.0	2190.2	2294.3
15°	424.5	520.6	608.8	676.8	721.0	772.9	976.2	1486.4	2088.7	2336.3	2435.2
12.5°	451.0	551.2	640.1	703.5	751.1	816.9	1150.7	1740.5	2223.0	2451.4	2546.0
10°	476.0	580.0	668.3	728.9	780.8	860.0	1326.6	1955.0	2333.9	2529.1	2601.3
7.5°	499.6	604.9	693.4	752.9	809.8	901.4	1497.3	2131.9	2421.3	2595.1	2639.6
5°	520.3	625.2	716.7	778.8	838.9	938.1	1643.4	2273.5	2489.2	2650.0	2679.0
2.5°	538.1	642.7	737.7	803.7	867.0	967.4	1714.1	2331.0	2497.8	2674.2	2720.0
0°	553.2	657.5	756.2	826.9	893.1	992.7	1754.5	2360.7	2487.3	2681.0	2763.0
-2.5°	565.5	677.6	782.6	851.3	918.1	1016.7	1751.5	2383.7	2513.5	2742.6	2928.2
-5°	575.2	694.5	805.9	874.0	940.9	1037.3	1720.0	2377.1	2549.2	2797.2	3030.0
-7.5°	582.2	707.7	825.5	895.3	963.4	1060.7	1697.6	2405.6	2653.1	2862.0	3071.2
-10°	586.8	716.5	837.5	915.2	986.1	1083.9	1649.2	2393.6	2750.2	2926.9	3110.8
-12.5°	592.2	721.4	845.2	932.5	1005.8	1102.2	1563.9	2336.5	2840.2	2996.9	3149.6
-15°	594.4	723.0	849.3	947.1	1022.5	1115.2	1440.0	2230.6	2900.3	3035.0	3174.4
-17.5°	593.4	721.4	849.6	958.8	1035.8	1122.7	1276.3	2034.6	2805.9	3049.9	3197.4
-20°	589.0	716.7	846.2	967.4	1045.8	1132.1	1249.9	1809.2	2548.0	3038.7	3213.9



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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°	581.3	708.7	838.4	962.5	1057.0	1144.0	1251.2	1575.5	2243.8	3000.9	3215.2
-25°	571.3	697.5	826.2	957.4	1066.9	1152.0	1247.4	1371.3	1942.5	2673.5	3183.1
-27.5°	559.3	682.3	814.2	947.5	1074.8	1157.2	1248.3	1361.6	1676.8	2295.4	3060.7
-30°	544.1	665.4	797.5	932.1	1063.7	1162.8	1248.6	1339.2	1455.6	1954.2	2613.9
-32.5°	527.0	644.8	775.5	909.4	1043.2	1166.6	1241.4	1323.5	1423.5	1602.6	2166.1
-35°	509.7	623.6	748.6	881.3	1017.1	1144.3	1235.2	1308.7	1390.7	1499.6	1756.9
-37.5°	492.9	598.8	717.1	847.7	980.9	1104.3	1223.8	1296.4	1371.6	1448.2	1555.2
-40°	473.1	570.5	685.0	808.5	933.8	1056.8	1175.4	1283.9	1353.0	1419.4	1488.7
-42.5°	450.5	545.3	650.3	763.3	881.5	1001.0	1121.4	1235.5	1332.4	1391.9	1455.1
-45°	426.1	516.9	613.0	717.1	824.6	940.1	1056.1	1172.4	1276.0	1368.6	1425.2
-47.5°	398.6	485.5	577.5	667.4	767.6	873.9	985.7	1095.0	1201.7	1300.2	1396.5
-50°	370.0	451.4	536.2	620.2	709.6	806.8	909.5	1013.1	1115.5	1215.7	1310.3
-52.5°	344.5	414.0	492.3	572.1	653.4	740.0	831.4	925.1	1023.2	1120.6	1208.6
-55°	316.9	380.3	445.7	520.9	598.1	676.0	752.3	836.8	924.5	1016.2	1098.4
-57.5°	294.7	345.4	402.8	466.6	539.0	612.1	679.4	747.4	825.4	906.8	978.2
-60°	275.0	315.0	361.7	417.0	476.5	542.6	605.9	668.7	731.7	793.8	861.2
-62.5°	255.9	290.7	327.3	369.2	421.8	472.6	528.3	586.4	644.5	700.2	754.1
-65°	244.3	268.6	299.8	334.1	368.4	412.6	457.7	502.3	553.5	603.9	653.3
-67.5°	231.9	254.8	278.0	303.3	334.8	363.8	392.6	433.0	472.9	510.7	549.5
-70°	220.2	240.6	262.1	284.0	305.2	326.7	353.1	379.3	404.9	432.7	466.0
-72.5°	208.2	227.1	246.4	266.1	285.2	303.0	320.8	338.7	359.7	382.3	404.3
-75°	195.3	213.0	230.7	248.6	265.2	281.0	297.0	313.2	329.1	344.9	360.7
-77.5°	181.6	197.6	213.9	230.4	245.1	258.9	273.0	287.2	301.2	314.9	328.6
-80°	167.4	181.8	196.2	210.9	223.5	235.8	248.2	260.6	272.9	285.0	297.1
-82.5°	152.6	165.1	177.8	190.7	201.5	212.1	222.6	233.2	243.5	253.9	264.2
-85°	138.1	148.2	159.0	169.9	179.0	188.0	197.0	205.9	214.5	223.1	231.6
-87.5°	126.8	135.9	145.0	154.0	161.1	168.2	175.2	182.3	188.9	195.5	202.1
-90°	3.5	3.3	3.0	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	184.4	187.9	191.4	194.9	198.4	201.4	204.5	207.5	210.5	212.4	214.2
87.5°	1.9	1.9	1.8	1.8	1.8	1.6	1.4	1.1	0.9	0.9	0.9
85°	1.9	1.9	1.9	1.9	1.9	1.7	1.4	1.2	0.9	0.9	0.9
82.5°	2.3	2.3	2.2	2.1	1.9	1.8	1.8	1.8	1.8	1.8	1.9
80°	2.8	2.6	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	2.9	2.6	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	2.9	2.8	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.5	2.3
72.5°	5.5	5.7	5.7	5.8	5.9	6.0	6.3	6.4	6.4	6.4	6.5
70°	10.4	10.8	11.1	10.9	10.3	9.8	9.5	9.2	8.9	9.2	9.7
67.5°	16.0	14.8	14.3	13.5	12.0	10.7	10.0	9.2	8.3	7.9	7.8
65°	19.8	15.6	13.6	12.0	10.8	9.4	8.1	7.0	6.0	5.4	5.1
62.5°	18.8	13.4	10.6	8.9	7.4	6.1	5.1	4.3	3.7	3.4	3.4
60°	16.1	10.5	7.4	6.0	4.5	3.0	2.8	2.6	2.4	2.2	2.4
57.5°	14.3	9.4	5.8	5.6	4.9	3.5	3.1	3.1	2.6	1.9	2.2
55°	16.0	13.5	9.4	9.6	9.4	7.9	6.7	8.1	7.8	6.1	6.7
52.5°	24.0	27.5	22.5	20.9	28.4	28.2	22.1	30.1	34.6	33.8	34.5
50°	56.4	63.8	71.5	65.4	80.3	89.2	87.3	97.8	108.5	108.3	111.7
47.5°	133.7	153.8	156.0	160.1	177.1	198.7	216.3	228.7	235.0	232.4	234.2
45°	239.2	243.8	254.2	277.3	306.3	341.1	367.6	383.1	435.0	471.9	493.5
42.5°	317.1	331.3	356.8	417.9	462.6	565.5	689.9	738.1	799.3	830.3	832.2
40°	395.2	431.2	537.0	648.3	889.7	1069.3	1080.1	1156.2	1191.3	1152.6	1146.9
37.5°	524.1	658.1	839.9	1096.9	1209.2	1258.0	1284.9	1294.5	1301.6	1295.2	1291.9
35°	778.3	1011.3	1189.8	1273.6	1324.3	1325.9	1332.1	1331.3	1323.0	1318.7	1309.4
32.5°	1153.2	1375.4	1380.9	1374.4	1385.0	1378.9	1367.2	1361.8	1343.9	1333.0	1336.7
30°	1539.7	1541.0	1519.0	1468.1	1442.6	1434.8	1417.9	1404.0	1387.0	1389.5	1449.0
27.5°	1693.0	1674.2	1643.6	1599.7	1514.3	1497.5	1484.0	1478.2	1549.6	1614.9	1673.2
25°	1864.7	1815.9	1799.2	1760.8	1673.0	1575.8	1618.6	1685.8	1779.2	1876.6	1970.4
22.5°	2013.1	1977.9	1967.1	1952.9	1809.5	1767.7	1826.3	1936.9	2064.5	2233.6	2716.3
20°	2159.4	2121.3	2108.9	2037.4	1962.2	1972.6	2081.6	2274.4	2631.4	3914.1	5480.6
17.5°	2282.3	2242.9	2200.5	2117.0	2093.1	2197.7	2415.6	3092.9	4777.9	8988.4	13267.8
15°	2396.8	2345.2	2272.9	2218.2	2263.5	2458.2	2998.0	5305.7	10763.7	17831.0	26741.7
12.5°	2498.7	2419.6	2318.4	2290.1	2427.8	2755.6	4873.0	10411.1	18760.1	28828.3	49747.2
10°	2569.5	2467.0	2378.8	2427.9	2646.8	3526.9	7012.4	15608.6	27960.1	50479.2	76522.5
7.5°	2599.9	2507.2	2455.9	2561.1	2853.5	4529.4	10556.4	21586.8	39490.5	69770.8	111323.7
5°	2634.4	2570.5	2541.8	2693.1	3052.5	5346.1	13105.1	26617.7	51820.9	87889.7	141399.3
2.5°	2704.1	2643.2	2623.3	2808.8	3226.6	6107.6	15096.8	30528.9	59989.9	103008.9	168088.8
0°	2827.2	2700.6	2684.8	2866.3	3296.6	6454.4	16403.7	32887.6	63875.4	109478.1	181220.6
-2.5°	2924.9	2774.1	2743.9	2905.9	3327.4	6284.5	16271.2	32806.3	62290.2	107315.9	172881.3
-5°	3010.2	2858.9	2817.2	2967.7	3395.1	6278.2	15409.1	30101.6	55738.3	94300.3	145697.3
-7.5°	3086.1	2955.2	2893.6	3013.4	3404.0	5622.3	12463.5	24783.1	44553.0	73624.5	112768.1
-10°	3166.1	3065.6	2981.6	3061.8	3366.2	4473.4	8338.0	17864.6	31728.8	53391.6	80251.4
-12.5°	3257.5	3206.9	3083.5	3095.2	3315.0	3774.9	6162.6	12472.2	22028.1	33633.2	53102.9
-15°	3335.1	3332.8	3229.6	3196.7	3306.0	3600.9	4299.5	6926.2	13362.2	21620.1	31251.4
-17.5°	3351.3	3433.8	3394.3	3293.9	3300.4	3465.7	3753.7	4589.8	6711.9	11895.9	17626.4
-20°	3361.7	3538.0	3542.2	3460.7	3389.3	3370.8	3502.4	3746.3	4220.5	5972.3	8278.2



REPORT NUMBER: P1306088 (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°	3377.6	3545.2	3664.4	3641.9	3501.7	3419.7	3390.2	3482.6	3643.0	3869.1	4617.3
-25°	3385.2	3541.6	3712.2	3759.1	3700.3	3550.2	3437.9	3375.3	3432.0	3503.7	3650.1
-27.5°	3353.0	3536.0	3701.5	3840.1	3857.0	3758.9	3593.9	3460.1	3408.0	3358.7	3419.0
-30°	3299.3	3503.8	3676.8	3847.4	3915.6	3884.3	3797.9	3689.2	3562.4	3463.8	3429.1
-32.5°	2860.0	3455.6	3632.8	3780.6	3893.2	3925.4	3926.3	3868.1	3813.9	3737.8	3648.7
-35°	2356.3	3016.9	3593.5	3667.9	3771.1	3877.7	3956.9	3959.6	3953.2	3917.1	3879.6
-37.5°	1831.7	2447.3	3001.8	3445.6	3601.7	3727.2	3862.7	3954.3	4011.8	4001.5	3994.6
-40°	1594.7	1788.8	2307.5	2759.9	3139.5	3496.7	3643.5	3808.1	3940.5	3986.5	4017.6
-42.5°	1521.5	1604.5	1689.0	2031.8	2422.9	2766.9	3090.4	3398.8	3674.3	3830.3	3939.0
-45°	1481.4	1527.6	1579.3	1655.6	1721.7	2006.5	2296.4	2577.9	2921.5	3237.8	3512.1
-47.5°	1444.3	1480.4	1520.4	1559.7	1596.3	1648.1	1692.9	1772.8	2030.2	2289.7	2550.1
-50°	1384.4	1444.1	1477.3	1506.7	1532.6	1556.6	1577.3	1613.4	1656.1	1693.4	1731.0
-52.5°	1284.4	1351.6	1415.4	1463.8	1484.1	1504.1	1524.5	1551.9	1577.1	1600.2	1618.0
-55°	1172.3	1240.4	1304.7	1353.7	1397.7	1438.1	1474.2	1498.4	1522.1	1544.8	1562.1
-57.5°	1049.1	1118.4	1181.3	1228.3	1272.3	1313.1	1352.8	1390.9	1425.9	1457.3	1484.1
-60°	924.3	982.8	1039.7	1089.3	1134.6	1175.5	1214.8	1252.3	1286.6	1317.6	1344.4
-62.5°	807.0	861.2	906.2	946.9	985.9	1023.6	1063.3	1099.9	1133.1	1163.4	1191.3
-65°	701.4	748.1	782.1	813.9	844.0	876.4	911.3	943.5	972.9	1000.1	1025.3
-67.5°	592.7	633.2	663.1	690.6	716.2	742.1	770.0	796.0	819.9	842.8	864.3
-70°	498.3	526.5	547.3	568.5	591.3	614.5	638.6	660.5	680.2	699.0	716.2
-72.5°	425.7	443.1	457.7	475.7	492.0	509.3	527.2	543.7	558.8	573.5	587.3
-75°	376.6	389.3	401.3	412.4	422.8	435.2	448.1	460.3	471.7	482.5	492.6
-77.5°	342.4	352.3	360.5	368.3	375.7	385.3	395.4	405.2	414.7	422.8	430.3
-80°	309.0	317.0	324.0	330.7	337.3	345.6	354.0	362.3	370.3	377.6	384.6
-82.5°	274.4	280.9	286.9	292.6	298.2	305.2	312.2	319.0	325.6	331.6	337.5
-85°	240.1	245.0	249.6	254.2	258.5	264.2	269.9	275.5	280.9	284.9	288.6
-87.5°	208.7	212.4	216.0	219.4	222.8	227.0	231.1	235.2	239.3	241.9	244.5
-90°	1.9	1.7	1.4	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9



REPORT NUMBER: P1306088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	216.1	217.9	217.5	217.0	217.5	217.9	216.1	214.2	212.4	210.5	207.5
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	2.1	1.9	1.9	1.9	1.9	1.9	2.1	2.3	2.5	2.6	2.7
72.5°	6.5	6.4	6.5	6.5	6.5	6.4	6.5	6.5	6.4	6.4	6.4
70°	10.4	11.0	11.2	11.2	11.2	11.0	10.4	9.7	9.2	8.9	9.2
67.5°	7.7	7.5	7.0	6.5	7.0	7.5	7.7	7.8	7.9	8.3	9.2
65°	4.9	4.8	4.7	4.7	4.7	4.8	4.9	5.1	5.4	6.0	7.0
62.5°	3.5	3.7	3.7	3.7	3.7	3.7	3.5	3.4	3.4	3.7	4.3
60°	2.6	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.2	2.4	2.6
57.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.2	1.9	2.6	3.1
55°	7.1	7.2	7.0	6.5	7.0	7.2	7.1	6.7	6.1	7.8	8.1
52.5°	33.9	31.3	27.2	22.3	27.2	31.3	33.9	34.5	33.8	34.6	30.1
50°	118.2	121.3	118.5	109.9	118.5	121.3	118.2	111.7	108.3	108.5	97.8
47.5°	243.4	246.1	237.6	217.9	237.6	246.1	243.4	234.2	232.4	235.0	228.7
45°	509.6	505.7	461.8	370.6	461.8	505.7	509.6	493.5	471.9	435.0	383.1
42.5°	878.8	918.0	941.1	941.5	941.1	918.0	878.8	832.2	830.3	799.3	738.1
40°	1137.5	1091.6	1041.4	1033.7	1041.4	1091.6	1137.5	1146.9	1152.6	1191.3	1156.2
37.5°	1284.1	1293.7	1288.1	1179.9	1288.1	1293.7	1284.1	1291.9	1295.2	1301.6	1294.5
35°	1330.7	1403.4	1478.3	1493.7	1478.3	1403.4	1330.7	1309.4	1318.7	1323.0	1331.3
32.5°	1353.2	1378.2	1384.9	1387.5	1384.9	1378.2	1353.2	1336.7	1333.0	1343.9	1361.8
30°	1476.4	1492.7	1490.3	1487.2	1490.3	1492.7	1476.4	1449.0	1389.5	1387.0	1404.0
27.5°	1700.7	1727.7	1739.7	1747.9	1739.7	1727.7	1700.7	1673.2	1614.9	1549.6	1478.2
25°	2021.7	2063.0	2091.3	2103.7	2091.3	2063.0	2021.7	1970.4	1876.6	1779.2	1685.8
22.5°	3273.8	3559.5	3842.2	3988.5	3842.2	3559.5	3273.8	2716.3	2233.6	2064.5	1936.9
20°	8172.9	9407.3	9971.0	10135.6	9971.0	9407.3	8172.9	5480.6	3914.1	2631.4	2274.4
17.5°	19032.9	23712.1	26841.7	24099.5	26841.7	23712.1	19032.9	13267.8	8988.4	4777.9	3092.9
15°	38956.1	50806.6	57437.7	53706.3	57437.7	50806.6	38956.1	26741.7	17831.0	10763.7	5305.7
12.5°	70187.7	88682.1	101103.7	97007.5	101103.7	88682.1	70187.7	49747.2	28828.3	18760.1	10411.1
10°	110473.9	147663.3	172426.3	178547.9	172426.3	147663.3	110473.9	76522.5	50479.2	27960.1	15608.6
7.5°	160318.7	206364.3	242710.4	248335.8	242710.4	206364.3	160318.7	111323.7	69770.8	39490.5	21586.8
5°	209081.7	263432.6	301249.9	311067.6	301249.9	263432.6	209081.7	141399.3	87889.7	51820.9	26617.7
2.5°	239347.5	298504.1	344057.1	364122.1	344057.1	298504.1	239347.5	168088.8	103008.9	59989.9	30528.9
0°	250150.3	311931.8	361356.8	390138.9	361356.8	311931.8	250150.3	181220.6	109478.1	63875.4	32887.6
-2.5°	241774.7	297723.7	339447.1	359455.6	339447.1	297723.7	241774.7	172881.3	107315.9	62290.2	32806.3
-5°	205923.8	261513.1	295460.1	311758.6	295460.1	261513.1	205923.8	145697.3	94300.3	55738.3	30101.6
-7.5°	160911.1	205403.5	234717.5	249545.4	234717.5	205403.5	160911.1	112768.1	73624.5	44553.0	24783.1
-10°	112589.5	147888.4	167648.4	179747.4	167648.4	147888.4	112589.5	80251.4	53391.6	31728.8	17864.6
-12.5°	73256.2	93802.3	104869.2	112621.0	104869.2	93802.3	73256.2	53102.9	33633.2	22028.1	12472.2
-15°	44470.9	54484.2	60492.6	64259.1	60492.6	54484.2	44470.9	31251.4	21620.1	13362.2	6926.2
-17.5°	24821.0	29121.9	32167.2	33852.3	32167.2	29121.9	24821.0	17626.4	11895.9	6711.9	4589.8
-20°	12316.3	15037.0	16824.1	17574.3	16824.1	15037.0	12316.3	8278.2	5972.3	4220.5	3746.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5684.0	6410.8	6892.0	7121.2	6892.0	6410.8	5684.0	4617.3	3869.1	3643.0	3482.6
-25°	3792.4	3906.4	3990.2	4026.7	3990.2	3906.4	3792.4	3650.1	3503.7	3432.0	3375.3
-27.5°	3473.6	3534.0	3584.1	3603.9	3584.1	3534.0	3473.6	3419.0	3358.7	3408.0	3460.1
-30°	3402.6	3405.3	3419.4	3419.5	3419.4	3405.3	3402.6	3429.1	3463.8	3562.4	3689.2
-32.5°	3581.4	3542.1	3525.0	3543.4	3525.0	3542.1	3581.4	3648.7	3737.8	3813.9	3868.1
-35°	3854.6	3844.0	3844.9	3864.6	3844.9	3844.0	3854.6	3879.6	3917.1	3953.2	3959.6
-37.5°	3996.4	4004.7	4014.1	4016.4	4014.1	4004.7	3996.4	3994.6	4001.5	4011.8	3954.3
-40°	4035.7	4052.0	4064.3	4068.6	4064.3	4052.0	4035.7	4017.6	3986.5	3940.5	3808.1
-42.5°	3986.9	4019.3	4036.5	4040.6	4036.5	4019.3	3986.9	3939.0	3830.3	3674.3	3398.8
-45°	3711.3	3855.8	3937.5	3959.6	3937.5	3855.8	3711.3	3512.1	3237.8	2921.5	2577.9
-47.5°	2803.4	3030.3	3188.2	3261.2	3188.2	3030.3	2803.4	2550.1	2289.7	2030.2	1772.8
-50°	1770.5	1807.9	1835.8	1853.2	1835.8	1807.9	1770.5	1731.0	1693.4	1656.1	1613.4
-52.5°	1633.4	1647.2	1655.2	1658.5	1655.2	1647.2	1633.4	1618.0	1600.2	1577.1	1551.9
-55°	1577.0	1589.6	1595.2	1596.1	1595.2	1589.6	1577.0	1562.1	1544.8	1522.1	1498.4
-57.5°	1507.3	1526.6	1535.1	1536.5	1535.1	1526.6	1507.3	1484.1	1457.3	1425.9	1390.9
-60°	1367.2	1385.9	1395.2	1398.7	1395.2	1385.9	1367.2	1344.4	1317.6	1286.6	1252.3
-62.5°	1215.4	1235.8	1242.0	1241.3	1242.0	1235.8	1215.4	1191.3	1163.4	1133.1	1099.9
-65°	1047.2	1065.9	1071.3	1070.9	1071.3	1065.9	1047.2	1025.3	1000.1	972.9	943.5
-67.5°	883.4	899.9	905.6	907.0	905.6	899.9	883.4	864.3	842.8	819.9	796.0
-70°	731.4	744.4	747.7	747.8	747.7	744.4	731.4	716.2	699.0	680.2	660.5
-72.5°	599.9	611.1	613.0	612.8	613.0	611.1	599.9	587.3	573.5	558.8	543.7
-75°	502.2	511.0	511.4	510.3	511.4	511.0	502.2	492.6	482.5	471.7	460.3
-77.5°	437.3	443.9	445.4	446.1	445.4	443.9	437.3	430.3	422.8	414.7	405.2
-80°	391.3	397.7	397.5	396.7	397.5	397.7	391.3	384.6	377.6	370.3	362.3
-82.5°	343.1	348.5	348.6	348.3	348.6	348.5	343.1	337.5	331.6	325.6	319.0
-85°	292.3	295.7	295.6	295.2	295.6	295.7	292.3	288.6	284.9	280.9	275.5
-87.5°	247.0	249.5	249.6	249.6	249.6	249.5	247.0	244.5	241.9	239.3	235.2
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	204.5	201.4	198.4	194.9	191.4	187.9	184.4	179.3	174.2	169.0	163.9
87.5°	1.4	1.6	1.8	1.8	1.8	1.9	1.9	2.1	2.4	2.6	2.8
85°	1.4	1.7	1.9	1.9	1.9	1.9	1.9	2.1	2.4	2.6	2.8
82.5°	1.8	1.8	1.9	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.8
80°	1.9	1.9	1.9	2.2	2.4	2.6	2.8	2.8	2.8	2.8	2.8
77.5°	1.9	1.9	1.9	2.2	2.4	2.6	2.9	3.1	3.2	3.3	3.3
75°	2.8	2.8	2.8	2.9	3.0	2.8	2.9	3.1	3.3	3.6	3.7
72.5°	6.3	6.0	5.9	5.8	5.7	5.7	5.5	5.1	4.6	4.1	3.8
70°	9.5	9.8	10.3	10.9	11.1	10.8	10.4	9.5	7.9	6.8	6.1
67.5°	10.0	10.7	12.0	13.5	14.3	14.8	16.0	16.6	15.9	14.1	10.8
65°	8.1	9.4	10.8	12.0	13.6	15.6	19.8	22.1	22.6	21.9	18.3
62.5°	5.1	6.1	7.4	8.9	10.6	13.4	18.8	23.3	27.0	28.2	24.2
60°	2.8	3.0	4.5	6.0	7.4	10.5	16.1	22.0	28.2	29.0	27.7
57.5°	3.1	3.5	4.9	5.6	5.8	9.4	14.3	19.1	24.9	28.2	28.3
55°	6.7	7.9	9.4	9.6	9.4	13.5	16.0	18.8	24.2	27.5	29.6
52.5°	22.1	28.2	28.4	20.9	22.5	27.5	24.0	25.7	30.2	34.5	34.9
50°	87.3	89.2	80.3	65.4	71.5	63.8	56.4	47.3	53.7	55.1	47.6
47.5°	216.3	198.7	177.1	160.1	156.0	153.8	133.7	108.9	116.1	93.4	82.2
45°	367.6	341.1	306.3	277.3	254.2	243.8	239.2	223.6	208.9	188.6	132.3
42.5°	689.9	565.5	462.6	417.9	356.8	331.3	317.1	314.6	307.6	294.8	252.0
40°	1080.1	1069.3	889.7	648.3	537.0	431.2	395.2	379.6	379.5	377.2	353.9
37.5°	1284.9	1258.0	1209.2	1096.9	839.9	658.1	524.1	451.2	432.8	431.9	415.7
35°	1332.1	1325.9	1324.3	1273.6	1189.8	1011.3	778.3	586.4	497.3	477.0	468.2
32.5°	1367.2	1378.9	1385.0	1374.4	1380.9	1375.4	1153.2	855.5	594.1	533.9	512.4
30°	1417.9	1434.8	1442.6	1468.1	1519.0	1541.0	1539.7	1190.9	828.7	594.0	560.3
27.5°	1484.0	1497.5	1514.3	1599.7	1643.6	1674.2	1693.0	1592.1	1088.8	759.6	616.4
25°	1618.6	1575.8	1673.0	1760.8	1799.2	1815.9	1864.7	1819.3	1475.8	954.1	674.5
22.5°	1826.3	1767.7	1809.5	1952.9	1967.1	1977.9	2013.1	2023.9	1862.4	1235.2	844.1
20°	2081.6	1972.6	1962.2	2037.4	2108.9	2121.3	2159.4	2177.0	2027.4	1578.8	1036.2
17.5°	2415.6	2197.7	2093.1	2117.0	2200.5	2242.9	2282.3	2294.3	2190.2	1888.0	1229.4
15°	2998.0	2458.2	2263.5	2218.2	2272.9	2345.2	2396.8	2435.2	2336.3	2088.7	1486.4
12.5°	4873.0	2755.6	2427.8	2290.1	2318.4	2419.6	2498.7	2546.0	2451.4	2223.0	1740.5
10°	7012.4	3526.9	2646.8	2427.9	2378.8	2467.0	2569.5	2601.3	2529.1	2333.9	1955.0
7.5°	10556.4	4529.4	2853.5	2561.1	2455.9	2507.2	2599.9	2639.6	2595.1	2421.3	2131.9
5°	13105.1	5346.1	3052.5	2693.1	2541.8	2570.5	2634.4	2679.0	2650.0	2489.2	2273.5
2.5°	15096.8	6107.6	3226.6	2808.8	2623.3	2643.2	2704.1	2720.0	2674.2	2497.8	2331.0
0°	16403.7	6454.4	3296.6	2866.3	2684.8	2700.6	2827.2	2763.0	2681.0	2487.3	2360.7
-2.5°	16271.2	6284.5	3327.4	2905.9	2743.9	2774.1	2924.9	2928.2	2742.6	2513.5	2383.7
-5°	15409.1	6278.2	3395.1	2967.7	2817.2	2858.9	3010.2	3030.0	2797.2	2549.2	2377.1
-7.5°	12463.5	5622.3	3404.0	3013.4	2893.6	2955.2	3086.1	3071.2	2862.0	2653.1	2405.6
-10°	8338.0	4473.4	3366.2	3061.8	2981.6	3065.6	3166.1	3110.8	2926.9	2750.2	2393.6
-12.5°	6162.6	3774.9	3315.0	3095.2	3083.5	3206.9	3257.5	3149.6	2996.9	2840.2	2336.5
-15°	4299.5	3600.9	3306.0	3196.7	3229.6	3332.8	3335.1	3174.4	3035.0	2900.3	2230.6
-17.5°	3753.7	3465.7	3300.4	3293.9	3394.3	3433.8	3351.3	3197.4	3049.9	2805.9	2034.6
-20°	3502.4	3370.8	3389.3	3460.7	3542.2	3538.0	3361.7	3213.9	3038.7	2548.0	1809.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3390.2	3419.7	3501.7	3641.9	3664.4	3545.2	3377.6	3215.2	3000.9	2243.8	1575.5
-25°	3437.9	3550.2	3700.3	3759.1	3712.2	3541.6	3385.2	3183.1	2673.5	1942.5	1371.3
-27.5°	3593.9	3758.9	3857.0	3840.1	3701.5	3536.0	3353.0	3060.7	2295.4	1676.8	1361.6
-30°	3797.9	3884.3	3915.6	3847.4	3676.8	3503.8	3299.3	2613.9	1954.2	1455.6	1339.2
-32.5°	3926.3	3925.4	3893.2	3780.6	3632.8	3455.6	2860.0	2166.1	1602.6	1423.5	1323.5
-35°	3956.9	3877.7	3771.1	3667.9	3593.5	3016.9	2356.3	1756.9	1499.6	1390.7	1308.7
-37.5°	3862.7	3727.2	3601.7	3445.6	3001.8	2447.3	1831.7	1555.2	1448.2	1371.6	1296.4
-40°	3643.5	3496.7	3139.5	2759.9	2307.5	1788.8	1594.7	1488.7	1419.4	1353.0	1283.9
-42.5°	3090.4	2766.9	2422.9	2031.8	1689.0	1604.5	1521.5	1455.1	1391.9	1332.4	1235.5
-45°	2296.4	2006.5	1721.7	1655.6	1579.3	1527.6	1481.4	1425.2	1368.6	1276.0	1172.4
-47.5°	1692.9	1648.1	1596.3	1559.7	1520.4	1480.4	1444.3	1396.5	1300.2	1201.7	1095.0
-50°	1577.3	1556.6	1532.6	1506.7	1477.3	1444.1	1384.4	1310.3	1215.7	1115.5	1013.1
-52.5°	1524.5	1504.1	1484.1	1463.8	1415.4	1351.6	1284.4	1208.6	1120.6	1023.2	925.1
-55°	1474.2	1438.1	1397.7	1353.7	1304.7	1240.4	1172.3	1098.4	1016.2	924.5	836.8
-57.5°	1352.8	1313.1	1272.3	1228.3	1181.3	1118.4	1049.1	978.2	906.8	825.4	747.4
-60°	1214.8	1175.5	1134.6	1089.3	1039.7	982.8	924.3	861.2	793.8	731.7	668.7
-62.5°	1063.3	1023.6	985.9	946.9	906.2	861.2	807.0	754.1	700.2	644.5	586.4
-65°	911.3	876.4	844.0	813.9	782.1	748.1	701.4	653.3	603.9	553.5	502.3
-67.5°	770.0	742.1	716.2	690.6	663.1	633.2	592.7	549.5	510.7	472.9	433.0
-70°	638.6	614.5	591.3	568.5	547.3	526.5	498.3	466.0	432.7	404.9	379.3
-72.5°	527.2	509.3	492.0	475.7	457.7	443.1	425.7	404.3	382.3	359.7	338.7
-75°	448.1	435.2	422.8	412.4	401.3	389.3	376.6	360.7	344.9	329.1	313.2
-77.5°	395.4	385.3	375.7	368.3	360.5	352.3	342.4	328.6	314.9	301.2	287.2
-80°	354.0	345.6	337.3	330.7	324.0	317.0	309.0	297.1	285.0	272.9	260.6
-82.5°	312.2	305.2	298.2	292.6	286.9	280.9	274.4	264.2	253.9	243.5	233.2
-85°	269.9	264.2	258.5	254.2	249.6	245.0	240.1	231.6	223.1	214.5	205.9
-87.5°	231.1	227.0	222.8	219.4	216.0	212.4	208.7	202.1	195.5	188.9	182.3
-90°	0.9	0.9	0.9	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8



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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°	157.9	151.8	145.8	139.7	131.6	123.4	115.3	107.1	98.5	89.9	81.2
87.5°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7
85°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7
82.5°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.8	3.7	3.7
80°	3.0	3.1	3.1	3.1	3.2	3.3	3.5	3.7	4.0	4.1	4.0
77.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.2	4.4	4.4
75°	3.7	3.6	3.6	3.9	4.2	4.3	4.3	4.5	4.8	4.8	4.9
72.5°	4.0	4.0	3.9	4.0	4.6	4.8	4.9	5.1	5.6	5.7	5.5
70°	5.4	4.7	4.4	4.9	5.3	5.5	5.6	6.1	6.4	6.7	6.5
67.5°	7.9	7.0	6.1	6.2	6.6	6.8	6.6	7.4	7.9	7.7	7.5
65°	14.4	11.0	8.4	9.0	8.8	8.4	8.2	9.0	9.5	9.4	8.6
62.5°	20.3	16.4	13.8	12.8	12.1	11.3	10.2	11.4	11.4	11.2	10.2
60°	25.5	21.3	19.9	19.1	17.0	14.8	14.2	14.0	14.1	13.2	12.1
57.5°	27.0	25.4	27.0	26.3	23.8	20.1	19.1	18.6	17.0	15.8	14.2
55°	28.3	28.6	34.7	34.9	31.7	27.2	25.9	24.4	20.7	18.7	16.8
52.5°	32.8	37.3	43.6	44.9	41.4	36.4	35.6	30.8	27.0	21.8	20.3
50°	43.3	51.9	57.0	57.3	52.4	50.5	46.4	40.9	33.6	25.9	24.2
47.5°	73.2	80.4	75.9	73.2	67.2	67.0	61.7	52.1	40.7	32.5	28.3
45°	132.8	126.1	109.1	95.1	89.5	88.8	80.0	64.0	51.7	40.5	32.8
42.5°	205.5	191.0	165.3	120.1	120.4	114.4	100.2	81.9	63.2	49.0	39.1
40°	304.2	267.5	232.0	185.2	156.0	142.9	125.8	101.9	75.4	58.9	46.7
37.5°	394.4	348.8	309.3	249.6	199.9	178.8	153.8	123.3	91.1	71.1	54.5
35°	448.9	422.5	377.8	312.0	256.6	217.6	183.9	147.3	110.9	83.7	62.5
32.5°	495.8	480.0	434.4	371.6	309.9	259.0	218.5	172.3	130.3	96.5	70.5
30°	539.4	522.8	490.7	427.0	360.6	305.7	253.2	196.3	149.2	109.5	79.3
27.5°	585.1	565.8	543.5	478.5	409.3	349.4	282.8	219.2	167.7	123.6	89.9
25°	632.1	607.8	583.3	529.4	454.4	384.2	311.0	241.1	186.7	139.2	100.5
22.5°	685.5	648.3	622.8	579.8	495.3	419.3	339.3	265.1	205.3	154.1	110.9
20°	738.4	687.3	660.8	620.4	535.9	454.4	368.3	287.9	222.8	168.4	121.1
17.5°	809.4	728.5	691.0	649.1	574.1	488.2	396.8	309.2	239.2	182.0	131.1
15°	976.2	772.9	721.0	676.8	608.8	520.6	424.5	329.1	254.5	194.9	140.3
12.5°	1150.7	816.9	751.1	703.5	640.1	551.2	451.0	347.5	268.6	206.7	148.3
10°	1326.6	860.0	780.8	728.9	668.3	580.0	476.0	366.3	284.0	217.3	155.6
7.5°	1497.3	901.4	809.8	752.9	693.4	604.9	499.6	388.3	299.1	227.3	162.3
5°	1643.4	938.1	838.9	778.8	716.7	625.2	520.3	409.0	313.2	236.3	168.2
2.5°	1714.1	967.4	867.0	803.7	737.7	642.7	538.1	428.0	326.3	244.4	173.4
0°	1754.5	992.7	893.1	826.9	756.2	657.5	553.2	445.1	338.0	251.4	177.9
-2.5°	1751.5	1016.7	918.1	851.3	782.6	677.6	565.5	454.7	347.1	259.6	184.0
-5°	1720.0	1037.3	940.9	874.0	805.9	694.5	575.2	462.1	354.5	266.6	189.2
-7.5°	1697.6	1060.7	963.4	895.3	825.5	707.7	582.2	467.3	360.4	272.2	193.7
-10°	1649.2	1083.9	986.1	915.2	837.5	716.5	586.8	470.3	364.7	276.5	197.2
-12.5°	1563.9	1102.2	1005.8	932.5	845.2	721.4	592.2	473.5	367.6	279.2	199.7
-15°	1440.0	1115.2	1022.5	947.1	849.3	723.0	594.4	475.3	370.3	280.8	201.3
-17.5°	1276.3	1122.7	1035.8	958.8	849.6	721.4	593.4	474.5	371.0	281.3	202.5
-20°	1249.9	1132.1	1045.8	967.4	846.2	716.7	589.0	471.1	369.9	280.3	203.0



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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°	1251.2	1144.0	1057.0	962.5	838.4	708.7	581.3	465.1	366.9	277.8	202.5
-25°	1247.4	1152.0	1066.9	957.4	826.2	697.5	571.3	456.3	361.9	273.8	200.8
-27.5°	1248.3	1157.2	1074.8	947.5	814.2	682.3	559.3	448.9	355.3	268.2	198.0
-30°	1248.6	1162.8	1063.7	932.1	797.5	665.4	544.1	439.4	347.6	263.0	194.0
-32.5°	1241.4	1166.6	1043.2	909.4	775.5	644.8	527.0	427.6	338.0	257.5	191.8
-35°	1235.2	1144.3	1017.1	881.3	748.6	623.6	509.7	413.6	326.7	250.5	189.7
-37.5°	1223.8	1104.3	980.9	847.7	717.1	598.8	492.9	399.1	313.6	242.0	186.8
-40°	1175.4	1056.8	933.8	808.5	685.0	570.5	473.1	382.5	301.5	232.1	183.1
-42.5°	1121.4	1001.0	881.5	763.3	650.3	545.3	450.5	363.3	288.4	225.0	178.6
-45°	1056.1	940.1	824.6	717.1	613.0	516.9	426.1	342.1	273.5	218.9	174.7
-47.5°	985.7	873.9	767.6	667.4	577.5	485.5	398.6	323.4	257.1	211.7	172.2
-50°	909.5	806.8	709.6	620.2	536.2	451.4	370.0	302.7	247.1	203.1	169.1
-52.5°	831.4	740.0	653.4	572.1	492.3	414.0	344.5	281.1	235.8	196.9	165.5
-55°	752.3	676.0	598.1	520.9	445.7	380.3	316.9	266.7	223.3	191.5	161.5
-57.5°	679.4	612.1	539.0	466.6	402.8	345.4	294.7	250.9	215.0	185.5	158.0
-60°	605.9	542.6	476.5	417.0	361.7	315.0	275.0	236.6	207.5	179.3	153.7
-62.5°	528.3	472.6	421.8	369.2	327.3	290.7	255.9	227.3	199.4	173.6	149.0
-65°	457.7	412.6	368.4	334.1	299.8	268.6	244.3	217.4	191.8	167.5	143.9
-67.5°	392.6	363.8	334.8	303.3	278.0	254.8	231.9	208.0	184.1	160.9	138.3
-70°	353.1	326.7	305.2	284.0	262.1	240.6	220.2	198.5	175.9	153.6	132.3
-72.5°	320.8	303.0	285.2	266.1	246.4	227.1	208.2	188.3	166.7	146.0	126.0
-75°	297.0	281.0	265.2	248.6	230.7	213.0	195.3	177.1	157.2	137.9	119.3
-77.5°	273.0	258.9	245.1	230.4	213.9	197.6	181.6	165.3	147.1	129.4	112.3
-80°	248.2	235.8	223.5	210.9	196.2	181.8	167.4	152.9	136.4	120.5	105.0
-82.5°	222.6	212.1	201.5	190.7	177.8	165.1	152.6	140.0	125.4	111.3	98.2
-85°	197.0	188.0	179.0	169.9	159.0	148.2	138.1	128.0	115.9	104.2	92.7
-87.5°	175.2	168.2	161.1	154.0	145.0	135.9	126.8	117.6	107.3	97.1	87.0
-90°	2.8	2.8	2.8	2.8	3.0	3.3	3.5	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	72.6	60.5	48.4	36.3	24.2	14.9	5.6
87.5°	3.7	3.8	3.9	3.9	3.9	4.8	5.6
85°	3.7	3.9	4.0	4.1	4.0	5.0	5.6
82.5°	3.7	4.0	4.2	4.3	4.2	5.1	5.6
80°	3.8	4.1	4.4	4.5	4.4	5.3	5.6
77.5°	4.3	4.4	4.6	4.6	4.6	5.5	5.6
75°	4.9	5.1	4.8	4.8	4.8	5.7	5.6
72.5°	5.5	5.8	5.5	5.0	5.0	5.8	5.6
70°	6.2	6.5	6.2	5.3	5.3	6.0	5.6
67.5°	7.4	7.2	6.9	5.9	5.5	6.2	5.6
65°	8.7	8.2	7.6	6.6	5.8	6.4	5.6
62.5°	10.1	9.6	8.4	7.2	6.1	6.6	5.6
60°	11.5	11.0	9.1	7.8	6.3	6.8	5.6
57.5°	13.8	12.5	10.4	8.5	7.0	7.0	5.6
55°	16.3	14.0	11.7	9.1	7.6	7.2	5.6
52.5°	18.9	15.7	13.1	9.7	8.3	7.4	5.6
50°	21.7	18.2	14.5	10.4	9.0	7.6	5.6
47.5°	24.8	20.7	15.9	11.1	9.7	7.8	5.6
45°	28.7	23.3	17.3	12.2	10.4	8.0	5.6
42.5°	32.8	26.0	18.7	13.3	11.2	8.2	5.6
40°	37.1	28.8	20.5	14.7	12.0	8.4	5.6
37.5°	41.5	31.6	22.7	16.3	12.8	8.6	5.6
35°	46.0	34.9	24.8	18.0	13.6	8.8	5.6
32.5°	51.2	38.5	26.9	19.7	14.4	9.0	5.6
30°	57.8	42.1	29.1	21.5	15.2	9.2	5.6
27.5°	64.3	45.8	32.1	23.2	16.0	9.4	5.6
25°	70.7	49.4	35.2	25.0	16.8	9.6	5.6
22.5°	77.1	53.3	38.2	26.7	17.7	9.8	5.6
20°	83.3	57.7	41.3	28.5	18.5	9.9	5.6
17.5°	89.5	61.9	44.2	30.2	19.3	10.1	5.6
15°	95.6	66.0	47.1	31.9	20.1	10.3	5.6
12.5°	101.2	70.0	50.0	33.6	20.8	10.5	5.6
10°	106.6	73.7	52.7	35.2	21.6	10.6	5.6
7.5°	111.5	77.2	55.3	36.7	22.3	10.8	5.6
5°	116.1	80.6	57.8	38.2	23.0	10.9	5.6
2.5°	120.2	83.7	60.2	39.7	23.6	11.1	5.6
0°	123.9	86.6	62.4	41.0	24.2	11.2	5.6
-2.5°	128.3	90.2	65.2	43.2	25.5	11.7	5.6
-5°	132.2	93.5	67.8	45.2	26.8	12.3	5.6
-7.5°	135.7	96.6	70.3	47.1	28.0	12.8	5.6
-10°	138.7	99.5	72.5	49.0	29.1	13.3	5.6
-12.5°	141.2	102.0	74.6	50.7	30.2	13.8	5.6
-15°	143.2	104.3	76.6	52.2	31.2	14.2	5.6
-17.5°	144.8	106.3	78.3	53.7	32.1	14.7	5.6
-20°	146.1	108.0	79.8	55.0	32.9	15.1	5.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	147.3	109.4	81.2	56.1	33.7	15.5	5.6
-25°	147.9	110.8	82.4	57.1	34.3	15.9	5.6
-27.5°	147.9	111.9	83.4	57.9	34.9	16.2	5.6
-30°	147.3	112.7	84.2	58.6	35.3	16.5	5.6
-32.5°	146.0	113.1	84.9	59.1	35.7	16.8	5.6
-35°	145.5	113.1	85.3	59.5	36.0	17.1	5.6
-37.5°	145.2	113.0	85.5	59.6	36.1	17.3	5.6
-40°	144.5	113.0	85.4	59.7	36.2	17.5	5.6
-42.5°	143.3	112.7	85.2	59.5	36.1	17.6	5.6
-45°	141.6	112.0	84.7	59.2	36.0	17.8	5.6
-47.5°	139.5	111.0	84.0	58.7	35.7	17.9	5.6
-50°	137.7	109.7	83.1	58.1	35.4	17.9	5.6
-52.5°	135.7	108.0	81.9	57.3	34.9	18.0	5.6
-55°	133.2	106.2	80.5	56.4	34.3	18.0	5.6
-57.5°	130.4	104.0	78.9	55.4	33.7	17.9	5.6
-60°	127.2	101.5	77.1	54.2	32.9	17.9	5.6
-62.5°	123.7	98.8	75.1	52.8	32.6	17.8	5.6
-65°	119.8	95.7	72.9	51.3	32.2	17.6	5.6
-67.5°	115.6	92.5	70.5	49.6	31.7	17.5	5.6
-70°	111.0	88.9	67.9	47.9	31.1	17.3	5.6
-72.5°	106.2	85.2	65.1	46.6	30.4	17.1	5.6
-75°	101.0	81.2	62.2	45.4	29.7	16.8	5.6
-77.5°	95.6	77.0	60.0	44.1	28.9	16.6	5.6
-80°	89.9	73.6	57.9	42.7	28.1	16.3	5.6
-82.5°	85.7	70.5	55.7	41.3	27.2	16.0	5.6
-85°	81.5	67.3	53.4	39.7	26.2	15.6	5.6
-87.5°	77.1	64.0	50.9	38.0	25.2	15.3	5.6
-90°	3.7	3.7	3.7	3.7	3.7	4.7	5.6

(END OF REPORT)