

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: P1305996 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-2S-VHE-A**

Issue Date: 2/3/2026

Test Information

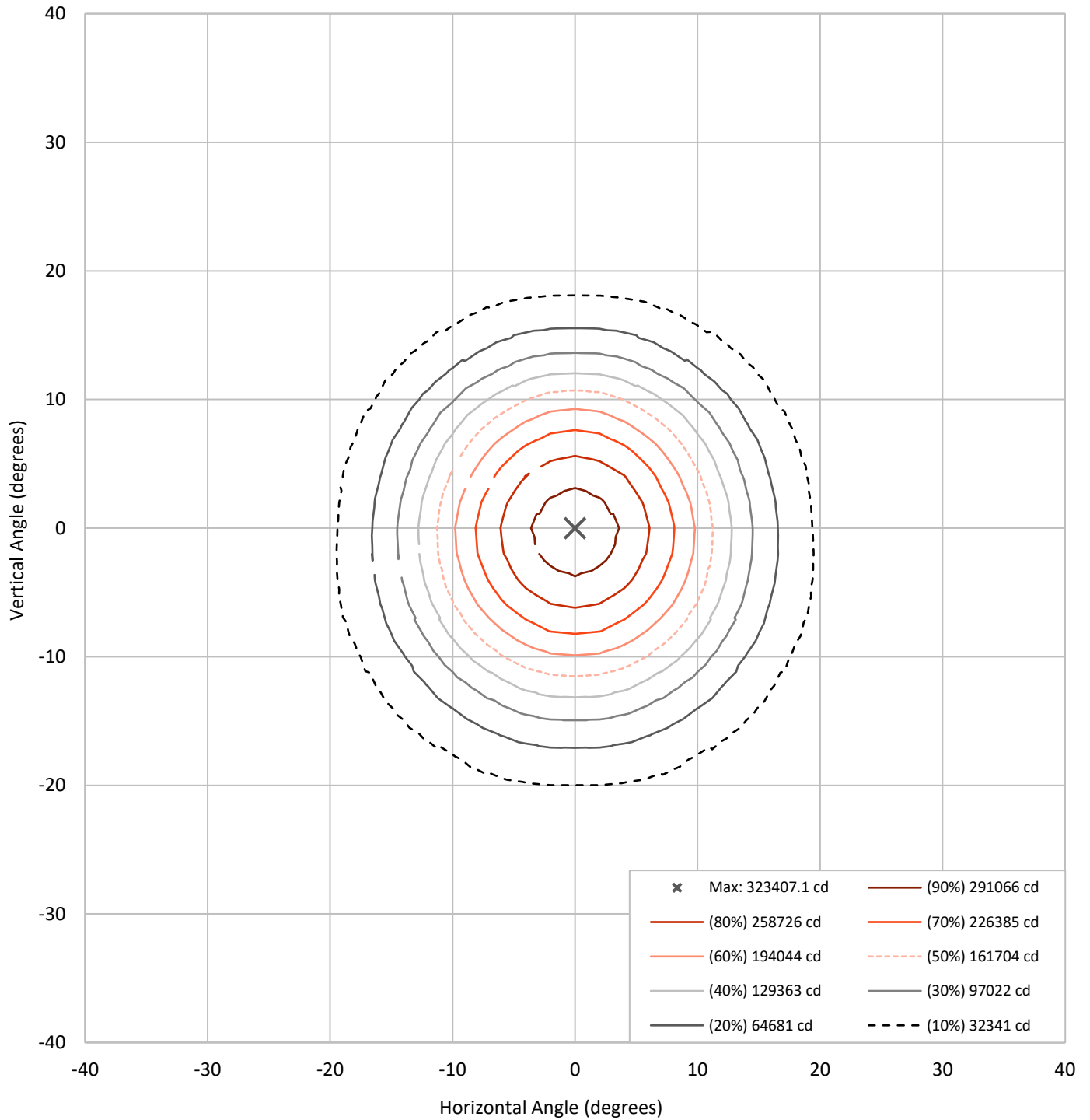
Test Method: LM-79-08
Report Number: P1305996 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-2S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S 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:	56526.7 lumens	Max Intensity:	323407.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	166.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	26414 lumens	Field Lumens:	47056 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	340		
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





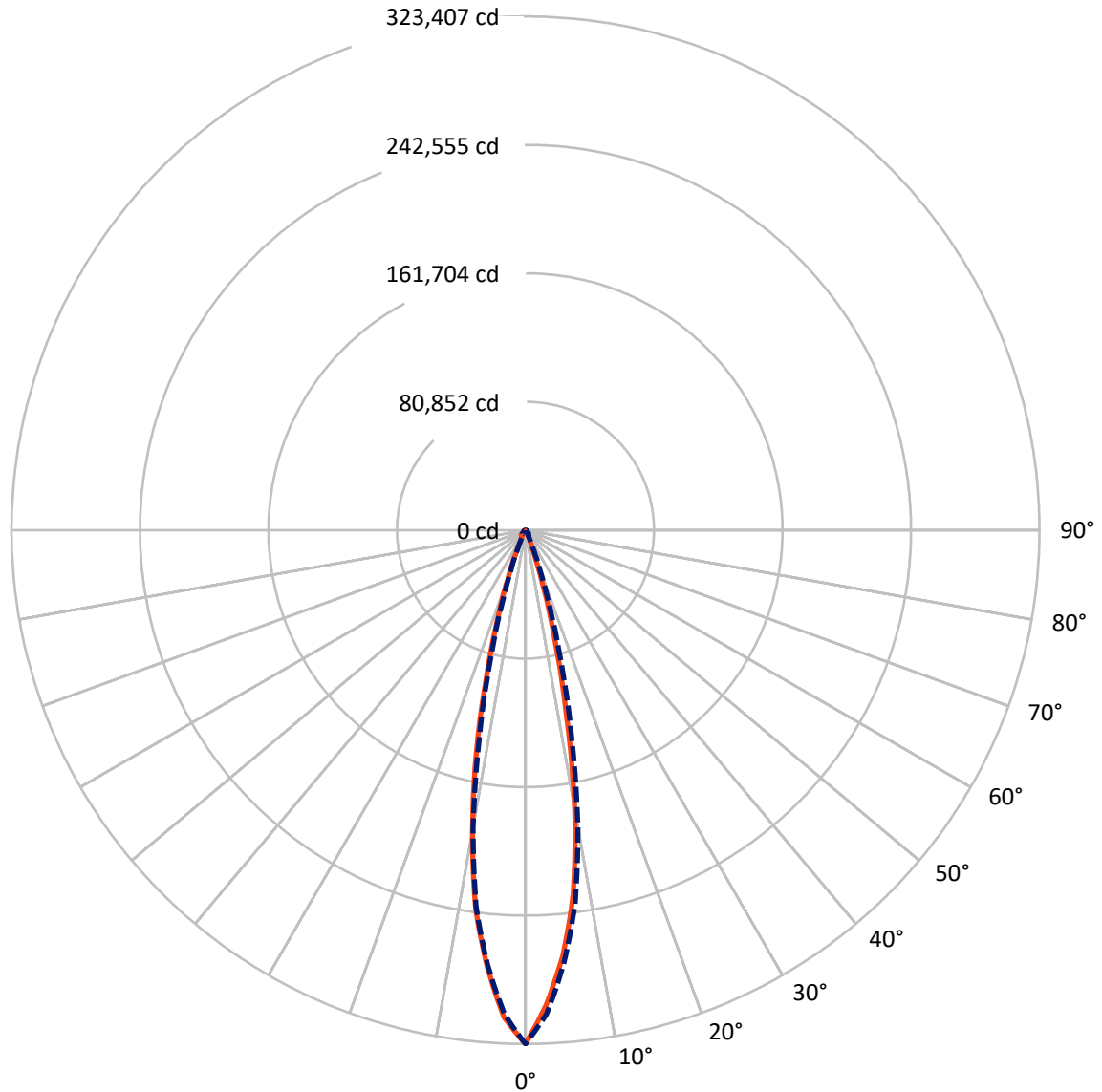
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Lumen Table

90	0.1	0.5		0.8		1.2		1.5		1.2		0.8		0.5		0.1			
80	0.1	0.5		0.8		1.2		1.5		1.2		0.8		0.5		0.1			
70	0.1	0.1	0.1	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.1	0.1	0.1			
60		0.2	0.5	0.7	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.7	0.5	0.2				
50	0.4	0.7	1.7	3.4	5.9	9.7	14.9	17.6	17.6	14.9	9.7	5.9	3.4	1.7	0.7	0.4			
40		1.7	5.6	10.8	21.0	36.6	44.5	49.4	49.4	44.5	36.6	21.0	10.8	5.6	1.7				
30	1.1	3.0	9.2	19.6	48.0	55.9	77.1	140.8	140.8	77.1	55.9	48.0	19.6	9.2	3.0	1.1			
20		4.0	12.0	34.4	67.7	99.5	631.2	2035.8	2035.8	631.2	99.5	67.7	34.4	12.0	4.0				
10	1.6	4.9	13.9	45.0	77.6	222.5	2236.1	6721.9	6721.9	2236.1	222.5	77.6	45.0	13.9	4.9	1.6			
0		5.3	15.3	47.5	85.3	255.1	2435.2	6990.5	6990.5	2435.2	255.1	85.3	47.5	15.3	5.3				
-10	1.8	5.4	15.9	45.8	89.8	146.0	892.5	2614.5	2614.5	892.5	146.0	89.8	45.8	15.9	5.4	1.8			
-20		5.0	15.7	35.0	84.7	116.1	161.3	322.6	322.6	161.3	116.1	84.7	35.0	15.7	5.0				
-30	1.5	4.2	13.7	27.4	59.2	104.3	122.1	128.1	128.1	122.1	104.3	59.2	27.4	13.7	4.2	1.5			
-40		3.2	10.4	22.1	35.3	54.3	82.6	103.6	103.6	82.6	54.3	35.3	22.1	10.4	3.2				
-50	1.2	2.1	6.6	14.5	24.7	33.5	39.9	44.1	44.1	39.9	33.5	24.7	14.5	6.6	2.1	1.2			
-60		1.4	3.3	7.3	12.6	17.7	22.3	25.1	25.1	22.3	17.7	12.6	7.3	3.3	1.4				
-70	0.8	5.2		12.6		21.0		25.6		21.0		12.6		5.2		0.8			
-80		5.2		12.6		21.0		25.6		21.0		12.6		5.2					
-90	0.8	5.2		12.6		21.0		25.6		21.0		12.6		5.2		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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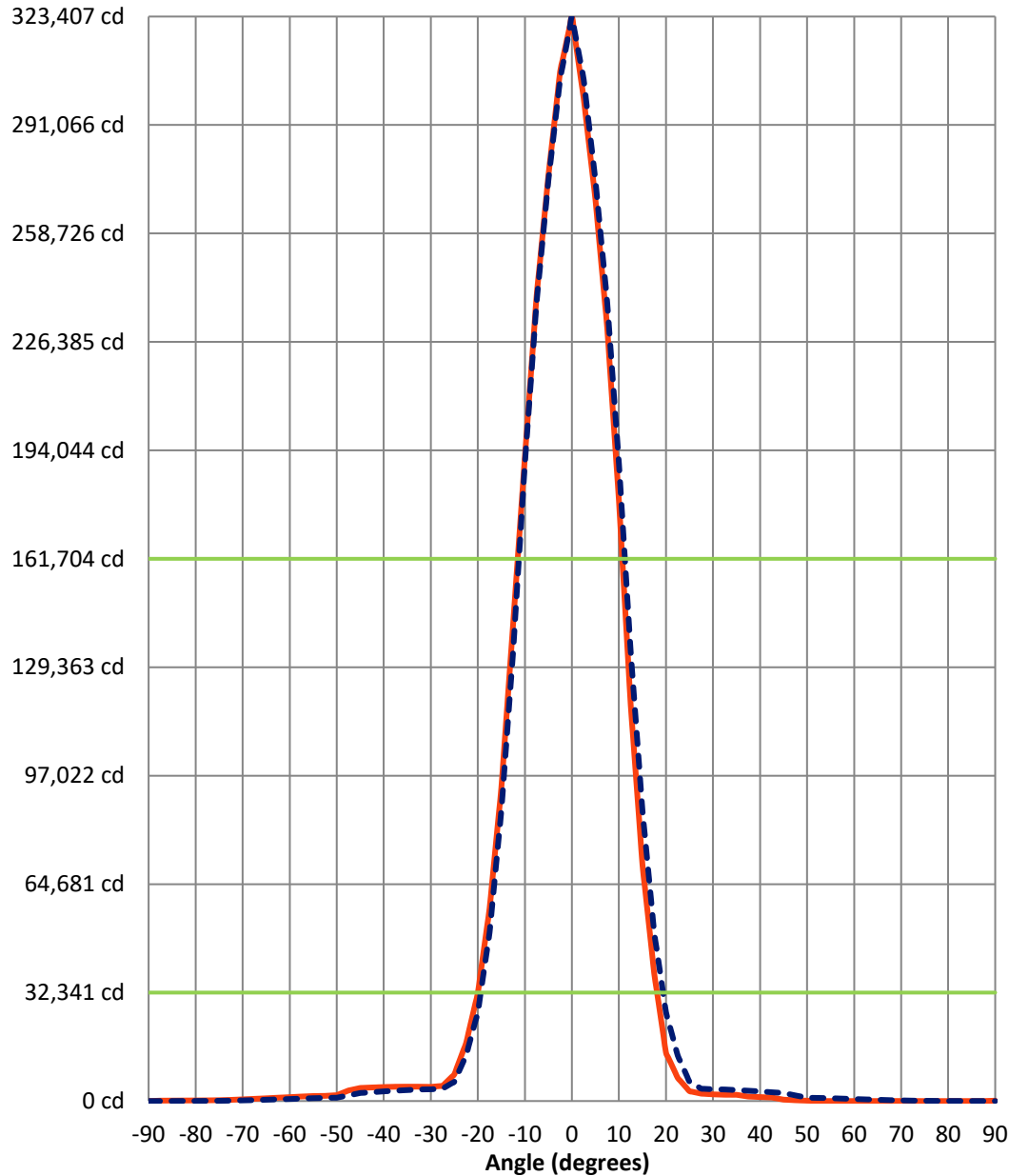
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.5°
 V Angle: 22.2°
 Lumens: 26414
 Efficiency: 46.7%

Field:
 H Angle: 38.8°
 V Angle: 38.1°
 Lumens: 47056
 Efficiency: 83.2%

Spill:
 Lumens: 9470.7
 Efficiency: 16.8%

— 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°	3.3	6.9	10.6	18.1	25.7	32.3	38.9	43.9	48.8	52.8	56.8
87.5°	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.4	3.3	3.3	3.3
85°	3.3	3.5	3.5	3.6	3.5	3.6	3.7	3.5	3.3	3.3	3.3
82.5°	3.3	3.6	3.6	3.7	3.7	3.8	3.8	3.6	3.4	3.4	3.5
80°	3.3	3.6	3.8	3.8	3.8	3.9	4.0	3.9	3.8	3.8	3.8
77.5°	3.3	3.7	3.9	4.0	3.9	4.1	4.2	4.1	4.2	4.3	4.1
75°	3.3	3.8	4.0	4.1	4.1	4.3	4.4	4.4	4.6	4.6	4.4
72.5°	3.3	3.9	4.1	4.2	4.3	4.5	4.5	4.7	4.9	4.8	4.7
70°	3.3	4.0	4.2	4.4	4.5	4.7	4.8	5.0	5.2	5.1	5.1
67.5°	3.3	4.1	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.5
65°	3.3	4.1	4.5	4.7	5.0	5.3	5.6	5.7	6.2	6.1	6.1
62.5°	3.3	4.2	4.6	4.9	5.2	5.7	6.0	6.4	6.9	6.8	7.1
60°	3.3	4.3	4.8	5.1	5.4	6.1	6.4	7.3	7.8	8.2	8.3
57.5°	3.3	4.4	5.0	5.2	5.9	6.5	7.5	8.4	9.4	9.8	11.1
55°	3.3	4.5	5.1	5.4	6.4	6.9	8.7	9.6	11.3	12.2	14.8
52.5°	3.3	4.6	5.4	5.6	6.9	7.5	10.0	11.7	13.4	16.8	19.0
50°	3.3	4.7	5.6	5.7	7.4	8.9	11.5	13.9	16.4	21.8	27.1
47.5°	3.3	4.7	5.8	5.9	8.0	10.3	13.0	16.2	21.4	27.3	36.9
45°	3.3	4.8	6.1	6.4	8.6	11.8	15.1	18.6	27.0	37.0	47.5
42.5°	3.3	4.9	6.4	6.9	9.2	13.4	17.3	22.8	33.0	47.5	64.6
40°	3.3	5.0	6.6	7.5	10.1	15.0	19.6	28.2	40.7	58.8	84.0
37.5°	3.3	5.0	6.9	8.3	11.4	16.6	22.0	33.8	51.6	73.3	104.7
35°	3.3	5.1	7.3	9.1	12.6	18.5	24.6	39.6	63.1	92.7	128.0
32.5°	3.3	5.2	7.6	10.0	13.9	20.5	27.8	45.7	75.1	112.4	152.7
30°	3.3	5.3	7.9	10.8	15.1	22.5	32.7	52.6	87.5	132.3	176.2
27.5°	3.3	5.3	8.3	11.7	16.7	24.5	37.6	61.8	100.3	152.4	198.5
25°	3.3	5.4	8.6	12.6	18.3	26.5	42.3	70.4	113.6	171.4	219.6
22.5°	3.3	5.5	9.0	13.5	19.9	28.5	47.0	78.6	126.0	184.3	242.5
20°	3.3	5.5	9.3	14.4	21.3	30.6	51.5	86.2	137.2	196.2	260.4
17.5°	3.3	5.6	9.7	15.3	22.8	32.7	55.7	93.3	147.4	207.2	277.2
15°	3.3	5.6	10.0	16.2	24.2	34.6	59.4	99.5	156.5	217.1	293.4
12.5°	3.3	5.7	10.4	17.1	25.5	36.5	62.7	104.8	165.0	226.0	308.7
10°	3.3	5.7	10.7	18.0	26.7	38.3	65.8	109.5	173.2	237.1	324.6
7.5°	3.3	5.8	11.0	18.8	27.9	39.9	68.5	113.6	180.6	247.8	342.6
5°	3.3	5.8	11.3	19.6	29.0	41.5	70.9	117.1	187.0	257.7	359.2
2.5°	3.3	5.9	11.6	20.4	30.0	42.9	72.9	119.9	192.4	266.4	374.0
0°	3.3	5.9	11.9	21.1	31.0	44.2	74.6	122.1	196.7	273.9	386.8
-2.5°	3.3	6.2	12.5	22.0	32.4	46.0	77.0	126.6	202.7	281.8	393.5
-5°	3.3	6.4	13.1	22.9	33.6	47.7	79.0	130.3	207.5	288.2	398.0
-7.5°	3.3	6.7	13.7	23.7	34.8	49.3	80.6	133.2	210.9	293.1	400.4
-10°	3.3	6.9	14.2	24.5	35.9	50.7	81.8	135.2	213.0	296.4	400.8
-12.5°	3.3	7.1	14.7	25.2	36.9	52.0	82.7	136.2	213.6	297.7	400.3
-15°	3.3	7.3	15.2	25.8	37.8	53.1	83.1	136.2	212.1	295.3	397.6
-17.5°	3.3	7.5	15.6	26.4	38.6	54.0	83.1	134.8	208.1	291.2	391.7
-20°	3.3	7.7	16.0	26.9	39.3	54.7	82.7	132.2	202.9	285.3	382.5



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 CATALOG NUMBER: EPH-08-320N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.3	7.9	16.4	27.4	39.9	55.3	82.1	128.8	196.3	277.6	370.4
-25°	3.3	8.1	16.7	27.7	40.4	55.8	81.0	124.5	188.4	268.0	358.4
-27.5°	3.3	8.2	17.0	28.1	40.7	56.2	79.4	119.3	179.3	260.2	350.0
-30°	3.3	8.4	17.2	28.3	40.9	56.3	77.3	113.3	171.9	251.4	339.5
-32.5°	3.3	8.5	17.4	28.5	41.2	56.3	74.7	109.5	165.8	240.7	326.7
-35°	3.3	8.6	17.5	28.6	41.4	56.2	73.7	106.2	158.1	228.1	311.6
-37.5°	3.3	8.7	17.6	28.7	41.5	56.0	73.2	102.5	148.9	213.6	295.2
-40°	3.3	8.8	17.6	28.6	41.5	55.9	72.6	97.9	138.1	200.4	276.9
-42.5°	3.3	8.8	17.6	28.6	41.5	55.8	71.7	92.5	130.0	186.4	256.0
-45°	3.3	8.9	17.6	28.6	41.4	55.4	70.6	88.3	122.7	170.4	233.6
-47.5°	3.3	8.9	17.5	28.5	41.3	55.0	69.2	86.6	114.3	152.8	213.4
-50°	3.3	8.9	17.3	28.4	41.1	54.4	68.2	84.6	104.8	141.9	191.1
-52.5°	3.3	8.9	17.1	28.1	40.7	53.7	67.3	82.2	99.8	129.9	167.4
-55°	3.3	8.9	16.8	27.9	40.2	53.0	66.1	79.7	96.7	116.8	151.5
-57.5°	3.3	8.8	16.5	27.5	39.7	52.1	64.8	78.1	93.1	110.5	134.7
-60°	3.3	8.8	16.2	27.1	39.0	51.1	63.3	76.3	89.6	105.9	121.0
-62.5°	3.3	8.7	15.9	26.5	38.2	49.9	61.8	74.2	87.0	100.8	114.8
-65°	3.3	8.6	15.6	25.9	37.4	48.6	60.0	71.9	84.1	96.5	108.2
-67.5°	3.3	8.5	15.3	25.3	36.4	47.1	58.1	69.4	80.9	92.3	102.8
-70°	3.3	8.4	14.9	24.5	35.3	45.6	55.9	66.8	77.9	87.9	97.7
-72.5°	3.3	8.2	14.5	23.9	34.2	43.9	53.8	64.0	74.6	83.8	92.4
-75°	3.3	8.1	14.0	23.2	32.9	42.2	51.5	61.2	71.2	79.5	87.4
-77.5°	3.3	7.9	13.5	22.5	31.9	40.3	49.2	58.1	67.4	74.9	82.2
-80°	3.3	7.7	13.0	21.7	30.8	38.7	46.7	54.9	63.4	70.1	76.6
-82.5°	3.3	7.6	12.4	20.9	29.6	37.2	44.8	51.9	59.3	65.1	70.8
-85°	3.3	7.4	11.8	20.0	28.4	35.6	42.9	49.3	55.9	60.7	65.5
-87.5°	3.3	7.2	11.2	19.1	27.1	34.0	40.9	46.6	52.4	56.8	61.2
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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 CATALOG NUMBER: EPH-08-320N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	59.8	62.7	65.4	68.0	71.0	73.9	77.2	80.5	83.8	87.1	89.8
87.5°	3.1	3.0	3.0	3.0	2.8	2.6	2.6	2.6	2.3	2.0	2.0
85°	3.3	3.3	3.3	3.3	3.0	2.8	2.7	2.6	2.4	2.3	2.4
82.5°	3.6	3.6	3.5	3.3	3.2	3.3	3.0	2.7	2.7	2.8	2.7
80°	3.9	4.0	3.7	3.5	3.5	3.3	3.2	3.2	3.3	3.3	3.1
77.5°	4.1	4.0	3.9	3.9	3.7	3.5	3.6	3.7	3.6	3.4	3.3
75°	4.3	4.1	4.1	4.0	3.9	3.9	4.0	4.0	3.9	3.8	3.7
72.5°	4.6	4.4	4.3	4.1	4.1	4.1	4.0	4.0	4.6	5.6	6.2
70°	4.9	4.8	4.7	4.5	4.4	4.4	5.2	6.7	8.3	9.6	11.3
67.5°	5.3	5.3	5.1	5.0	5.4	6.2	7.4	11.7	16.1	17.7	18.4
65°	5.9	5.8	5.8	6.2	6.6	9.9	14.3	19.4	24.8	25.9	24.8
62.5°	6.6	7.4	7.2	8.3	11.3	15.4	20.9	26.8	33.0	31.5	26.3
60°	9.1	9.6	10.6	13.2	16.6	21.2	27.3	29.8	32.4	32.9	25.6
57.5°	12.3	13.7	16.1	18.8	23.3	25.9	26.8	26.9	30.6	30.9	23.4
55°	17.1	19.4	23.2	26.4	29.2	26.4	26.4	28.9	30.2	27.9	20.9
52.5°	24.6	27.1	32.9	35.3	33.8	31.4	30.8	33.0	31.7	28.3	24.1
50°	32.9	40.0	43.9	45.8	42.1	41.6	38.3	40.2	41.4	39.6	41.4
47.5°	46.3	54.9	58.0	60.9	57.9	61.1	57.9	67.3	67.6	90.8	93.5
45°	62.6	74.2	77.9	84.6	89.7	92.7	111.1	112.3	161.7	181.1	222.7
42.5°	81.7	96.8	109.9	113.3	144.4	159.2	185.2	232.9	278.4	317.7	339.9
40°	106.2	122.2	149.7	180.5	215.8	250.6	289.4	345.3	393.4	414.6	425.8
37.5°	133.0	163.9	200.6	251.9	304.4	344.4	390.4	443.0	475.0	486.2	488.8
35°	161.8	206.4	267.7	321.6	377.8	431.6	474.6	524.8	535.6	544.5	594.0
32.5°	196.9	248.8	321.1	381.6	438.6	500.1	543.6	573.3	590.4	623.2	784.4
30°	232.0	293.0	364.5	428.7	495.3	553.7	595.2	624.0	643.6	797.8	1132.8
27.5°	260.9	330.9	402.0	476.6	550.2	608.8	648.6	674.9	788.8	1044.5	1560.4
25°	287.1	360.7	439.5	529.6	606.9	661.2	702.0	728.0	982.8	1505.0	1862.8
22.5°	311.7	389.6	481.9	585.6	663.4	709.5	748.7	889.8	1275.7	1971.7	2164.1
20°	335.8	424.3	528.0	633.0	716.3	750.5	791.6	1071.2	1652.4	2151.3	2362.0
17.5°	360.6	459.8	571.5	669.4	743.9	787.0	853.0	1247.2	1970.5	2308.5	2460.9
15°	385.5	493.4	606.9	701.5	771.1	822.8	993.3	1499.3	2167.6	2481.3	2624.9
12.5°	409.9	522.7	633.5	728.9	799.5	856.7	1121.6	1759.9	2345.6	2651.0	2841.0
10°	433.4	548.1	656.3	755.5	827.4	889.6	1251.3	2014.7	2506.4	2761.6	2921.0
7.5°	453.9	568.8	676.0	781.0	853.4	922.0	1393.4	2183.7	2574.8	2831.9	2961.5
5°	471.4	585.2	696.0	809.4	880.4	951.7	1522.6	2295.1	2600.8	2875.3	3003.8
2.5°	486.2	598.4	713.2	836.0	907.0	976.9	1613.1	2365.8	2618.5	2891.9	3045.3
0°	498.3	608.6	727.4	859.4	931.3	999.3	1680.5	2399.9	2624.3	2885.7	3084.3
-2.5°	506.1	623.5	753.8	881.9	951.2	1018.0	1677.7	2419.9	2631.5	2919.0	3235.2
-5°	511.4	635.1	775.9	901.0	969.2	1034.5	1649.0	2405.3	2647.4	2969.7	3333.8
-7.5°	514.0	642.9	792.9	916.3	986.2	1053.0	1613.5	2371.5	2728.8	3073.9	3395.7
-10°	514.9	647.5	796.3	923.7	1001.9	1071.2	1555.1	2300.4	2793.0	3117.5	3413.6
-12.5°	518.3	649.7	794.5	926.7	1015.4	1087.8	1482.9	2253.3	2879.3	3144.4	3407.1
-15°	518.0	648.9	789.2	925.9	1031.7	1110.0	1386.9	2142.1	2932.0	3150.4	3389.5
-17.5°	513.6	645.2	781.1	922.7	1047.3	1126.6	1251.4	1913.4	2781.6	3123.7	3368.8
-20°	505.0	637.1	769.7	912.7	1055.9	1142.0	1235.3	1713.2	2472.1	3053.1	3329.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	492.6	625.2	755.7	896.0	1051.8	1159.4	1246.5	1518.4	2166.4	2948.4	3266.4
-25°	478.2	608.7	739.6	886.9	1045.8	1176.1	1248.8	1337.5	1900.5	2601.7	3157.3
-27.5°	462.2	588.3	721.8	867.7	1036.3	1173.1	1247.9	1331.5	1617.3	2175.3	2983.6
-30°	443.6	565.3	697.3	839.7	1002.9	1141.6	1244.9	1314.1	1401.4	1840.9	2530.1
-32.5°	423.1	539.3	668.1	808.1	960.0	1106.3	1227.7	1300.1	1376.8	1527.2	2082.8
-35°	403.0	514.2	635.9	771.7	916.1	1058.4	1182.6	1285.5	1349.8	1434.4	1688.0
-37.5°	384.3	486.1	600.6	732.0	871.6	999.0	1133.3	1244.8	1332.8	1394.1	1496.7
-40°	362.7	454.7	564.5	687.4	812.9	934.1	1061.9	1187.2	1295.4	1376.2	1437.3
-42.5°	338.4	426.3	525.6	634.9	750.8	866.2	987.0	1111.2	1229.9	1336.4	1412.2
-45°	312.1	394.7	484.0	583.2	686.1	796.1	911.1	1028.6	1146.5	1263.9	1357.4
-47.5°	281.6	359.9	444.6	528.0	622.9	723.9	830.9	941.3	1050.3	1163.7	1271.3
-50°	249.9	322.3	399.6	476.6	558.9	650.3	748.2	851.4	954.8	1059.4	1163.1
-52.5°	221.2	281.3	352.6	425.1	497.8	575.9	664.6	758.7	856.2	954.9	1045.7
-55°	190.5	244.6	303.1	371.1	439.3	507.2	579.3	664.4	752.8	844.4	925.8
-57.5°	166.8	207.6	258.1	314.2	377.7	442.0	505.2	569.2	648.1	729.5	798.0
-60°	147.2	176.6	215.3	262.8	313.3	372.7	432.2	491.6	552.6	610.9	674.1
-62.5°	129.2	153.2	180.4	213.6	257.5	303.3	356.1	410.9	466.7	517.0	563.5
-65°	121.5	133.0	153.5	178.2	203.4	242.6	284.8	328.0	376.5	420.9	462.8
-67.5°	113.3	123.9	134.6	147.7	170.2	193.4	216.7	254.8	292.8	327.3	361.4
-70°	106.8	114.9	124.3	133.9	143.6	157.0	177.8	199.3	220.8	244.6	273.5
-72.5°	100.4	107.7	115.2	122.6	131.3	140.5	150.0	159.7	174.7	192.9	209.5
-75°	94.2	100.2	107.0	113.8	120.7	127.7	135.4	144.4	153.3	162.2	170.6
-77.5°	88.2	93.8	99.4	105.1	111.1	117.3	124.1	131.2	138.5	145.9	152.3
-80°	81.9	87.2	92.1	97.0	102.3	107.6	113.3	119.2	125.6	132.3	138.1
-82.5°	75.2	79.6	84.0	88.4	93.3	98.2	103.0	107.9	113.2	118.6	123.4
-85°	68.8	71.8	75.6	79.4	83.8	88.2	92.3	96.5	101.1	105.6	109.4
-87.5°	64.3	67.3	70.3	73.2	76.7	80.2	83.7	87.0	90.8	94.6	97.6
-90°	3.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	92.4	94.4	96.4	97.4	98.3	100.3	102.3	105.3	108.2	111.5	114.8
87.5°	2.0	2.0	2.0	2.0	1.9	1.6	1.3	1.3	1.3	1.3	1.3
85°	2.4	2.4	2.4	2.2	2.0	1.9	1.9	1.9	2.0	1.6	1.3
82.5°	2.6	2.6	2.6	2.5	2.4	2.2	2.0	2.0	2.0	2.0	2.0
80°	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.3	2.0	2.3	2.5
77.5°	3.3	3.1	2.9	2.8	2.6	2.5	2.2	2.1	2.0	2.0	2.0
75°	3.4	3.5	3.9	4.0	3.9	3.6	3.0	2.9	3.0	2.9	2.6
72.5°	6.7	7.0	7.3	7.9	8.2	8.6	9.4	10.7	12.1	13.5	14.9
70°	13.5	15.3	15.8	15.8	15.8	16.3	17.0	17.8	18.8	19.7	20.4
67.5°	20.7	22.4	22.6	23.1	22.4	21.5	20.6	20.6	21.8	23.2	24.7
65°	25.3	23.6	22.4	22.2	21.8	20.7	18.9	17.7	17.3	17.1	17.1
62.5°	22.8	19.5	18.3	18.1	17.1	15.8	13.4	11.5	10.6	10.0	10.1
60°	19.7	15.9	13.5	12.4	10.8	9.2	7.8	6.4	5.9	5.7	5.8
57.5°	16.2	12.1	9.3	8.9	7.7	6.1	5.0	4.0	3.8	3.8	4.0
55°	14.9	12.7	10.7	10.0	8.5	7.8	6.7	5.3	5.0	5.4	5.9
52.5°	19.3	18.1	17.2	17.3	19.0	17.6	13.2	18.4	21.4	21.4	20.4
50°	42.4	38.2	54.4	52.4	65.4	74.2	67.3	75.6	87.4	95.7	101.5
47.5°	121.0	125.4	144.9	161.8	175.4	190.7	206.1	215.4	217.8	233.2	243.8
45°	243.6	258.3	279.9	290.9	312.3	337.6	355.4	363.4	410.0	468.0	505.5
42.5°	353.6	364.8	381.8	420.5	459.8	546.5	646.1	649.5	739.5	819.1	900.7
40°	430.4	451.6	512.3	604.0	815.7	980.9	1098.5	1213.7	1232.9	1195.5	1215.9
37.5°	530.0	605.8	759.4	1006.9	1190.1	1356.0	1422.8	1431.5	1454.8	1469.4	1446.2
35°	717.6	970.3	1097.8	1308.1	1441.3	1473.7	1493.9	1513.8	1532.8	1545.9	1560.1
32.5°	1128.5	1441.5	1458.3	1512.4	1537.4	1566.0	1587.4	1599.9	1608.6	1620.0	1658.7
30°	1570.2	1643.1	1649.1	1644.9	1653.4	1672.7	1686.7	1709.6	1732.3	1758.5	1844.2
27.5°	1776.4	1832.3	1814.9	1785.1	1770.3	1785.7	1823.8	1859.3	1925.4	1994.9	2117.9
25°	2004.8	2041.8	2020.5	1967.7	1934.5	1956.3	2013.6	2081.3	2207.6	2318.9	2545.2
22.5°	2249.2	2318.0	2295.8	2280.0	2210.2	2220.7	2265.9	2418.5	2734.5	3234.6	4273.2
20°	2438.8	2522.9	2533.5	2533.9	2519.2	2523.5	2628.5	3121.0	4044.6	6947.2	9520.3
17.5°	2579.4	2628.7	2687.9	2712.2	2741.0	2825.0	3385.0	5088.6	9077.4	14416.0	18504.0
15°	2761.6	2824.7	2888.9	2929.5	2994.5	3456.4	4888.3	10120.5	17374.1	26435.0	38016.4
12.5°	2907.5	2985.3	3036.2	3068.4	3218.3	4433.4	9415.5	16947.6	28265.1	42325.4	63183.2
10°	2988.2	3048.8	3118.3	3229.7	3841.2	6430.7	13277.8	23815.8	41213.2	66539.2	94320.0
7.5°	3028.4	3106.8	3223.0	3392.3	4546.4	9387.7	18471.9	33615.9	57378.3	88914.3	127622.5
5°	3075.1	3220.2	3358.4	3552.4	5094.0	11522.7	22600.7	41974.5	71472.6	110050.7	157855.6
2.5°	3150.7	3368.9	3457.9	3644.3	5424.1	12897.1	25062.8	48511.9	81997.1	127298.7	180971.2
0°	3269.8	3451.3	3504.8	3692.2	5756.2	13576.9	26509.0	50304.6	86685.2	134015.7	190075.2
-2.5°	3404.4	3517.7	3577.0	3786.0	5922.9	14270.5	27646.9	51509.2	85568.7	131778.2	186654.9
-5°	3492.2	3582.2	3639.7	3843.9	5904.7	13577.0	26375.5	47967.7	79041.2	120371.7	169435.4
-7.5°	3552.0	3645.7	3705.8	3893.0	5555.6	11733.2	23296.1	41347.5	67171.3	101067.8	143446.4
-10°	3610.4	3712.7	3791.5	3939.3	4917.1	8957.1	18284.9	31193.7	52532.2	79502.0	111187.2
-12.5°	3663.1	3789.5	3890.8	3958.9	4317.4	6812.9	13437.2	23859.8	37812.2	57944.8	81131.1
-15°	3689.7	3840.9	3954.4	4029.4	4237.3	5387.0	8701.2	15788.4	26398.9	38886.7	53974.1
-17.5°	3643.8	3869.4	3978.5	4061.1	4129.5	4424.9	6137.8	9691.5	16318.7	24499.2	31869.3
-20°	3570.8	3872.5	3996.1	4107.3	4185.1	4265.5	4483.7	6171.9	8868.0	13886.7	18798.8



REPORT NUMBER: P1305996 (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°	3509.0	3789.6	4047.6	4167.7	4257.2	4263.1	4269.8	4473.0	5525.7	7216.6	9815.1
-25°	3466.2	3731.7	4031.9	4218.0	4280.0	4282.2	4248.4	4210.7	4330.0	4450.0	5399.4
-27.5°	3393.8	3681.8	3963.9	4190.9	4282.7	4279.6	4254.0	4228.8	4187.4	4160.4	4262.8
-30°	3305.2	3594.6	3857.3	4085.6	4221.6	4263.4	4245.9	4227.2	4214.4	4205.4	4187.0
-32.5°	2833.1	3487.5	3708.7	3915.9	4110.0	4195.1	4232.9	4224.2	4212.6	4207.7	4211.0
-35°	2314.2	2989.7	3564.3	3711.9	3880.4	4049.6	4169.0	4196.0	4208.0	4205.9	4211.2
-37.5°	1774.4	2383.0	2947.5	3419.4	3622.2	3798.2	3971.7	4086.6	4155.6	4167.6	4183.9
-40°	1529.2	1701.3	2236.1	2710.4	3104.9	3468.2	3652.0	3850.7	4005.7	4068.0	4100.8
-42.5°	1464.5	1532.8	1603.1	1950.9	2359.4	2705.7	3048.8	3389.8	3672.8	3832.9	3937.1
-45°	1436.2	1474.4	1514.9	1570.9	1621.0	1913.5	2228.5	2560.7	2932.7	3210.6	3469.4
-47.5°	1354.0	1430.8	1469.5	1493.3	1510.9	1549.5	1584.0	1677.6	1987.2	2230.7	2500.7
-50°	1245.2	1323.3	1386.6	1442.9	1462.1	1471.0	1481.4	1512.5	1561.9	1597.9	1652.3
-52.5°	1119.3	1192.6	1263.1	1323.4	1366.4	1403.5	1438.8	1463.4	1483.4	1504.2	1523.9
-55°	999.0	1061.3	1121.8	1178.4	1229.8	1272.5	1314.6	1354.6	1392.2	1427.6	1460.5
-57.5°	867.0	929.3	984.8	1035.6	1079.4	1115.1	1156.6	1200.7	1242.1	1278.8	1314.6
-60°	733.7	790.4	843.6	891.6	931.7	963.2	1003.6	1043.1	1080.9	1115.1	1145.1
-62.5°	608.5	656.9	702.7	745.1	783.0	816.8	850.7	884.6	920.3	952.3	980.5
-65°	502.6	541.2	573.8	604.0	629.5	660.1	692.6	723.0	754.5	784.1	811.1
-67.5°	396.3	429.0	456.3	482.5	503.8	525.2	549.5	572.6	594.8	617.8	640.3
-70°	299.0	322.1	339.3	357.3	378.2	397.8	417.4	437.0	455.5	475.7	496.6
-72.5°	223.2	234.4	245.7	260.2	272.7	286.9	301.0	316.1	331.4	346.1	359.7
-75°	178.6	185.8	194.4	201.4	206.8	213.7	221.5	231.0	240.5	250.1	259.1
-77.5°	158.9	163.8	167.8	170.8	173.4	176.9	180.5	187.2	194.3	202.3	210.4
-80°	143.7	146.8	149.6	151.8	153.7	156.7	159.6	165.4	171.5	177.5	183.2
-82.5°	128.2	130.8	133.1	135.0	136.8	139.6	142.4	147.0	151.7	157.4	163.2
-85°	113.1	115.5	117.6	119.4	121.1	123.3	125.4	129.7	134.0	138.7	143.3
-87.5°	100.5	102.4	104.4	105.8	107.3	109.1	110.9	114.3	117.7	121.5	125.2
-90°	2.0	2.0	2.0	1.7	1.3	1.3	1.3	1.3	1.3	1.0	0.7



REPORT NUMBER: P1305996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	115.2	115.5	115.5	115.5	115.5	115.5	115.2	114.8	111.5	108.2	105.3
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.3	2.0	2.3
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
75°	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.6	2.9	3.0	2.9
72.5°	16.1	17.3	18.0	18.5	18.0	17.3	16.1	14.9	13.5	12.1	10.7
70°	20.8	21.0	21.1	21.1	21.1	21.0	20.8	20.4	19.7	18.8	17.8
67.5°	25.6	26.2	26.4	26.4	26.4	26.2	25.6	24.7	23.2	21.8	20.6
65°	16.3	15.1	14.0	13.2	14.0	15.1	16.3	17.1	17.1	17.3	17.7
62.5°	9.8	9.4	9.3	9.2	9.3	9.4	9.8	10.1	10.0	10.6	11.5
60°	5.9	6.0	5.7	5.3	5.7	6.0	5.9	5.8	5.7	5.9	6.4
57.5°	4.3	4.6	4.9	5.3	4.9	4.6	4.3	4.0	3.8	3.8	4.0
55°	6.4	7.0	7.5	7.9	7.5	7.0	6.4	5.9	5.4	5.0	5.3
52.5°	18.4	16.5	15.9	16.5	15.9	16.5	18.4	20.4	21.4	21.4	18.4
50°	104.4	106.6	109.2	112.2	109.2	106.6	104.4	101.5	95.7	87.4	75.6
47.5°	246.8	242.1	237.7	236.3	237.7	242.1	246.8	243.8	233.2	217.8	215.4
45°	467.9	433.4	415.9	426.4	415.9	433.4	467.9	505.5	468.0	410.0	363.4
42.5°	944.4	995.3	1035.2	1054.1	1035.2	995.3	944.4	900.7	819.1	739.5	649.5
40°	1183.9	1164.8	1175.1	1190.7	1175.1	1164.8	1183.9	1215.9	1195.5	1232.9	1213.7
37.5°	1457.5	1463.8	1417.8	1342.5	1417.8	1463.8	1457.5	1446.2	1469.4	1454.8	1431.5
35°	1590.1	1672.2	1825.8	1862.6	1825.8	1672.2	1590.1	1560.1	1545.9	1532.8	1513.8
32.5°	1756.2	1841.4	1867.5	1877.8	1867.5	1841.4	1756.2	1658.7	1620.0	1608.6	1599.9
30°	1954.7	1993.2	1983.5	1997.9	1983.5	1993.2	1954.7	1844.2	1758.5	1732.3	1709.6
27.5°	2172.1	2194.7	2187.3	2206.5	2187.3	2194.7	2172.1	2117.9	1994.9	1925.4	1859.3
25°	2733.5	2910.9	2901.7	2943.1	2901.7	2910.9	2733.5	2545.2	2318.9	2207.6	2081.3
22.5°	5537.5	6164.5	6539.9	6903.3	6539.9	6164.5	5537.5	4273.2	3234.6	2734.5	2418.5
20°	12372.7	14179.7	14573.0	14429.7	14573.0	14179.7	12372.7	9520.3	6947.2	4044.6	3121.0
17.5°	26558.6	33768.0	37639.0	38069.6	37639.0	33768.0	26558.6	18504.0	14416.0	9077.4	5088.6
15°	49981.5	62582.0	69736.2	70487.9	69736.2	62582.0	49981.5	38016.4	26435.0	17374.1	10120.5
12.5°	81707.7	101774.0	116505.0	118148.4	116505.0	101774.0	81707.7	63183.2	42325.4	28265.1	16947.6
10°	125165.2	152294.7	173747.8	178974.1	173747.8	152294.7	125165.2	94320.0	66539.2	41213.2	23815.8
7.5°	168540.2	199500.5	224749.3	230689.9	224749.3	199500.5	168540.2	127622.5	88914.3	57378.3	33615.9
5°	202447.8	242061.0	262209.8	268867.0	262209.8	242061.0	202447.8	157855.6	110050.7	71472.6	41974.5
2.5°	228293.9	265698.1	289352.4	299057.4	289352.4	265698.1	228293.9	180971.2	127298.7	81997.1	48511.9
0°	238271.0	274553.2	304675.6	323407.1	304675.6	274553.2	238271.0	190075.2	134015.7	86685.2	50304.6
-2.5°	234360.1	269293.6	294894.0	307044.8	294894.0	269293.6	234360.1	186654.9	131778.2	85568.7	51509.2
-5°	214589.4	249843.6	269637.2	275906.9	269637.2	249843.6	214589.4	169435.4	120371.7	79041.2	47967.7
-7.5°	181458.0	212489.6	235959.4	240166.4	235959.4	212489.6	181458.0	143446.4	101067.8	67171.3	41347.5
-10°	143816.5	170679.7	188584.1	191970.8	188584.1	170679.7	143816.5	111187.2	79502.0	52532.2	31193.7
-12.5°	101944.4	125540.9	139696.7	142308.7	139696.7	125540.9	101944.4	81131.1	57944.8	37812.2	23859.8
-15°	69276.3	83974.1	92553.8	93420.2	92553.8	83974.1	69276.3	53974.1	38886.7	26398.9	15788.4
-17.5°	43346.2	52088.9	57436.3	57485.8	57436.3	52088.9	43346.2	31869.3	24499.2	16318.7	9691.5
-20°	25094.9	29266.8	32258.6	32246.1	32258.6	29266.8	25094.9	18798.8	13886.7	8868.0	6171.9



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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°	13074.7	15554.3	17358.2	17275.8	17358.2	15554.3	13074.7	9815.1	7216.6	5525.7	4473.0
-25°	6420.3	7369.6	8001.5	7952.1	8001.5	7369.6	6420.3	5399.4	4450.0	4330.0	4210.7
-27.5°	4351.0	4455.4	4527.6	4535.1	4527.6	4455.4	4351.0	4262.8	4160.4	4187.4	4228.8
-30°	4179.9	4203.8	4229.0	4235.5	4229.0	4203.8	4179.9	4187.0	4205.4	4214.4	4227.2
-32.5°	4221.3	4239.9	4267.5	4285.0	4267.5	4239.9	4221.3	4211.0	4207.7	4212.6	4224.2
-35°	4224.3	4245.9	4277.9	4292.2	4277.9	4245.9	4224.3	4211.2	4205.9	4208.0	4196.0
-37.5°	4204.6	4231.1	4258.6	4271.1	4258.6	4231.1	4204.6	4183.9	4167.6	4155.6	4086.6
-40°	4130.0	4157.0	4177.1	4178.7	4177.1	4157.0	4130.0	4100.8	4068.0	4005.7	3850.7
-42.5°	4006.5	4040.0	4055.4	4052.6	4055.4	4040.0	4006.5	3937.1	3832.9	3672.8	3389.8
-45°	3714.9	3833.6	3891.9	3906.1	3891.9	3833.6	3714.9	3469.4	3210.6	2932.7	2560.7
-47.5°	2813.7	2987.8	3099.4	3143.8	3099.4	2987.8	2813.7	2500.7	2230.7	1987.2	1677.6
-50°	1723.4	1739.6	1750.2	1755.7	1750.2	1739.6	1723.4	1652.3	1597.9	1561.9	1512.5
-52.5°	1540.3	1544.9	1547.4	1547.8	1547.4	1544.9	1540.3	1523.9	1504.2	1483.4	1463.4
-55°	1484.3	1493.6	1499.4	1500.9	1499.4	1493.6	1484.3	1460.5	1427.6	1392.2	1354.6
-57.5°	1338.2	1343.5	1349.4	1353.1	1349.4	1343.5	1338.2	1314.6	1278.8	1242.1	1200.7
-60°	1163.1	1168.0	1168.9	1165.6	1168.9	1168.0	1163.1	1145.1	1115.1	1080.9	1043.1
-62.5°	995.9	1000.4	1004.9	1006.6	1004.9	1000.4	995.9	980.5	952.3	920.3	884.6
-65°	823.7	825.9	827.0	825.0	827.0	825.9	823.7	811.1	784.1	754.5	723.0
-67.5°	650.9	655.4	661.7	666.0	661.7	655.4	650.9	640.3	617.8	594.8	572.6
-70°	501.4	499.3	503.6	506.9	503.6	499.3	501.4	496.6	475.7	455.5	437.0
-72.5°	361.5	359.4	357.9	355.1	357.9	359.4	361.5	359.7	346.1	331.4	316.1
-75°	258.6	256.0	255.6	254.8	255.6	256.0	258.6	259.1	250.1	240.5	231.0
-77.5°	210.5	209.5	208.2	206.6	208.2	209.5	210.5	210.4	202.3	194.3	187.2
-80°	183.8	183.9	183.1	182.2	183.1	183.9	183.8	183.2	177.5	171.5	165.4
-82.5°	163.5	163.5	163.0	162.4	163.0	163.5	163.5	163.2	157.4	151.7	147.0
-85°	143.6	143.8	143.2	142.6	143.2	143.8	143.6	143.3	138.7	134.0	129.7
-87.5°	125.7	126.1	125.7	125.4	125.7	126.1	125.7	125.2	121.5	117.7	114.3
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	102.3	100.3	98.3	97.4	96.4	94.4	92.4	89.8	87.1	83.8	80.5
87.5°	1.3	1.6	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.6
85°	1.9	1.9	2.0	2.2	2.4	2.4	2.4	2.4	2.3	2.4	2.6
82.5°	2.0	2.2	2.4	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7
80°	2.5	2.5	2.6	2.6	2.6	2.7	2.8	3.1	3.3	3.3	3.2
77.5°	2.2	2.5	2.6	2.8	2.9	3.1	3.3	3.3	3.4	3.6	3.7
75°	3.0	3.6	3.9	4.0	3.9	3.5	3.4	3.7	3.8	3.9	4.0
72.5°	9.4	8.6	8.2	7.9	7.3	7.0	6.7	6.2	5.6	4.6	4.0
70°	17.0	16.3	15.8	15.8	15.8	15.3	13.5	11.3	9.6	8.3	6.7
67.5°	20.6	21.5	22.4	23.1	22.6	22.4	20.7	18.4	17.7	16.1	11.7
65°	18.9	20.7	21.8	22.2	22.4	23.6	25.3	24.8	25.9	24.8	19.4
62.5°	13.4	15.8	17.1	18.1	18.3	19.5	22.8	26.3	31.5	33.0	26.8
60°	7.8	9.2	10.8	12.4	13.5	15.9	19.7	25.6	32.9	32.4	29.8
57.5°	5.0	6.1	7.7	8.9	9.3	12.1	16.2	23.4	30.9	30.6	26.9
55°	6.7	7.8	8.5	10.0	10.7	12.7	14.9	20.9	27.9	30.2	28.9
52.5°	13.2	17.6	19.0	17.3	17.2	18.1	19.3	24.1	28.3	31.7	33.0
50°	67.3	74.2	65.4	52.4	54.4	38.2	42.4	41.4	39.6	41.4	40.2
47.5°	206.1	190.7	175.4	161.8	144.9	125.4	121.0	93.5	90.8	67.6	67.3
45°	355.4	337.6	312.3	290.9	279.9	258.3	243.6	222.7	181.1	161.7	112.3
42.5°	646.1	546.5	459.8	420.5	381.8	364.8	353.6	339.9	317.7	278.4	232.9
40°	1098.5	980.9	815.7	604.0	512.3	451.6	430.4	425.8	414.6	393.4	345.3
37.5°	1422.8	1356.0	1190.1	1006.9	759.4	605.8	530.0	488.8	486.2	475.0	443.0
35°	1493.9	1473.7	1441.3	1308.1	1097.8	970.3	717.6	594.0	544.5	535.6	524.8
32.5°	1587.4	1566.0	1537.4	1512.4	1458.3	1441.5	1128.5	784.4	623.2	590.4	573.3
30°	1686.7	1672.7	1653.4	1644.9	1649.1	1643.1	1570.2	1132.8	797.8	643.6	624.0
27.5°	1823.8	1785.7	1770.3	1785.1	1814.9	1832.3	1776.4	1560.4	1044.5	788.8	674.9
25°	2013.6	1956.3	1934.5	1967.7	2020.5	2041.8	2004.8	1862.8	1505.0	982.8	728.0
22.5°	2265.9	2220.7	2210.2	2280.0	2295.8	2318.0	2249.2	2164.1	1971.7	1275.7	889.8
20°	2628.5	2523.5	2519.2	2533.9	2533.5	2522.9	2438.8	2362.0	2151.3	1652.4	1071.2
17.5°	3385.0	2825.0	2741.0	2712.2	2687.9	2628.7	2579.4	2460.9	2308.5	1970.5	1247.2
15°	4888.3	3456.4	2994.5	2929.5	2888.9	2824.7	2761.6	2624.9	2481.3	2167.6	1499.3
12.5°	9415.5	4433.4	3218.3	3068.4	3036.2	2985.3	2907.5	2841.0	2651.0	2345.6	1759.9
10°	13277.8	6430.7	3841.2	3229.7	3118.3	3048.8	2988.2	2921.0	2761.6	2506.4	2014.7
7.5°	18471.9	9387.7	4546.4	3392.3	3223.0	3106.8	3028.4	2961.5	2831.9	2574.8	2183.7
5°	22600.7	11522.7	5094.0	3552.4	3358.4	3220.2	3075.1	3003.8	2875.3	2600.8	2295.1
2.5°	25062.8	12897.1	5424.1	3644.3	3457.9	3368.9	3150.7	3045.3	2891.9	2618.5	2365.8
0°	26509.0	13576.9	5756.2	3692.2	3504.8	3451.3	3269.8	3084.3	2885.7	2624.3	2399.9
-2.5°	27646.9	14270.5	5922.9	3786.0	3577.0	3517.7	3404.4	3235.2	2919.0	2631.5	2419.9
-5°	26375.5	13577.0	5904.7	3843.9	3639.7	3582.2	3492.2	3333.8	2969.7	2647.4	2405.3
-7.5°	23296.1	11733.2	5555.6	3893.0	3705.8	3645.7	3552.0	3395.7	3073.9	2728.8	2371.5
-10°	18284.9	8957.1	4917.1	3939.3	3791.5	3712.7	3610.4	3413.6	3117.5	2793.0	2300.4
-12.5°	13437.2	6812.9	4317.4	3958.9	3890.8	3789.5	3663.1	3407.1	3144.4	2879.3	2253.3
-15°	8701.2	5387.0	4237.3	4029.4	3954.4	3840.9	3689.7	3389.5	3150.4	2932.0	2142.1
-17.5°	6137.8	4424.9	4129.5	4061.1	3978.5	3869.4	3643.8	3368.8	3123.7	2781.6	1913.4
-20°	4483.7	4265.5	4185.1	4107.3	3996.1	3872.5	3570.8	3329.7	3053.1	2472.1	1713.2



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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°	4269.8	4263.1	4257.2	4167.7	4047.6	3789.6	3509.0	3266.4	2948.4	2166.4	1518.4
-25°	4248.4	4282.2	4280.0	4218.0	4031.9	3731.7	3466.2	3157.3	2601.7	1900.5	1337.5
-27.5°	4254.0	4279.6	4282.7	4190.9	3963.9	3681.8	3393.8	2983.6	2175.3	1617.3	1331.5
-30°	4245.9	4263.4	4221.6	4085.6	3857.3	3594.6	3305.2	2530.1	1840.9	1401.4	1314.1
-32.5°	4232.9	4195.1	4110.0	3915.9	3708.7	3487.5	2833.1	2082.8	1527.2	1376.8	1300.1
-35°	4169.0	4049.6	3880.4	3711.9	3564.3	2989.7	2314.2	1688.0	1434.4	1349.8	1285.5
-37.5°	3971.7	3798.2	3622.2	3419.4	2947.5	2383.0	1774.4	1496.7	1394.1	1332.8	1244.8
-40°	3652.0	3468.2	3104.9	2710.4	2236.1	1701.3	1529.2	1437.3	1376.2	1295.4	1187.2
-42.5°	3048.8	2705.7	2359.4	1950.9	1603.1	1532.8	1464.5	1412.2	1336.4	1229.9	1111.2
-45°	2228.5	1913.5	1621.0	1570.9	1514.9	1474.4	1436.2	1357.4	1263.9	1146.5	1028.6
-47.5°	1584.0	1549.5	1510.9	1493.3	1469.5	1430.8	1354.0	1271.3	1163.7	1050.3	941.3
-50°	1481.4	1471.0	1462.1	1442.9	1386.6	1323.3	1245.2	1163.1	1059.4	954.8	851.4
-52.5°	1438.8	1403.5	1366.4	1323.4	1263.1	1192.6	1119.3	1045.7	954.9	856.2	758.7
-55°	1314.6	1272.5	1229.8	1178.4	1121.8	1061.3	999.0	925.8	844.4	752.8	664.4
-57.5°	1156.6	1115.1	1079.4	1035.6	984.8	929.3	867.0	798.0	729.5	648.1	569.2
-60°	1003.6	963.2	931.7	891.6	843.6	790.4	733.7	674.1	610.9	552.6	491.6
-62.5°	850.7	816.8	783.0	745.1	702.7	656.9	608.5	563.5	517.0	466.7	410.9
-65°	692.6	660.1	629.5	604.0	573.8	541.2	502.6	462.8	420.9	376.5	328.0
-67.5°	549.5	525.2	503.8	482.5	456.3	429.0	396.3	361.4	327.3	292.8	254.8
-70°	417.4	397.8	378.2	357.3	339.3	322.1	299.0	273.5	244.6	220.8	199.3
-72.5°	301.0	286.9	272.7	260.2	245.7	234.4	223.2	209.5	192.9	174.7	159.7
-75°	221.5	213.7	206.8	201.4	194.4	185.8	178.6	170.6	162.2	153.3	144.4
-77.5°	180.5	176.9	173.4	170.8	167.8	163.8	158.9	152.3	145.9	138.5	131.2
-80°	159.6	156.7	153.7	151.8	149.6	146.8	143.7	138.1	132.3	125.6	119.2
-82.5°	142.4	139.6	136.8	135.0	133.1	130.8	128.2	123.4	118.6	113.2	107.9
-85°	125.4	123.3	121.1	119.4	117.6	115.5	113.1	109.4	105.6	101.1	96.5
-87.5°	110.9	109.1	107.3	105.8	104.4	102.4	100.5	97.6	94.6	90.8	87.0
-90°	1.3	1.3	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.3	2.6



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 CATALOG NUMBER: EPH-08-320N-40-70-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	77.2	73.9	71.0	68.0	65.4	62.7	59.8	56.8	52.8	48.8	43.9
87.5°	2.6	2.6	2.8	3.0	3.0	3.0	3.1	3.3	3.3	3.3	3.4
85°	2.7	2.8	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.5
82.5°	3.0	3.3	3.2	3.3	3.5	3.6	3.6	3.5	3.4	3.4	3.6
80°	3.2	3.3	3.5	3.5	3.7	4.0	3.9	3.8	3.8	3.8	3.9
77.5°	3.6	3.5	3.7	3.9	3.9	4.0	4.1	4.1	4.3	4.2	4.1
75°	4.0	3.9	3.9	4.0	4.1	4.1	4.3	4.4	4.6	4.6	4.4
72.5°	4.0	4.1	4.1	4.1	4.3	4.4	4.6	4.7	4.8	4.9	4.7
70°	5.2	4.4	4.4	4.5	4.7	4.8	4.9	5.1	5.1	5.2	5.0
67.5°	7.4	6.2	5.4	5.0	5.1	5.3	5.3	5.5	5.6	5.5	5.3
65°	14.3	9.9	6.6	6.2	5.8	5.8	5.9	6.1	6.1	6.2	5.7
62.5°	20.9	15.4	11.3	8.3	7.2	7.4	6.6	7.1	6.8	6.9	6.4
60°	27.3	21.2	16.6	13.2	10.6	9.6	9.1	8.3	8.2	7.8	7.3
57.5°	26.8	25.9	23.3	18.8	16.1	13.7	12.3	11.1	9.8	9.4	8.4
55°	26.4	26.4	29.2	26.4	23.2	19.4	17.1	14.8	12.2	11.3	9.6
52.5°	30.8	31.4	33.8	35.3	32.9	27.1	24.6	19.0	16.8	13.4	11.7
50°	38.3	41.6	42.1	45.8	43.9	40.0	32.9	27.1	21.8	16.4	13.9
47.5°	57.9	61.1	57.9	60.9	58.0	54.9	46.3	36.9	27.3	21.4	16.2
45°	111.1	92.7	89.7	84.6	77.9	74.2	62.6	47.5	37.0	27.0	18.6
42.5°	185.2	159.2	144.4	113.3	109.9	96.8	81.7	64.6	47.5	33.0	22.8
40°	289.4	250.6	215.8	180.5	149.7	122.2	106.2	84.0	58.8	40.7	28.2
37.5°	390.4	344.4	304.4	251.9	200.6	163.9	133.0	104.7	73.3	51.6	33.8
35°	474.6	431.6	377.8	321.6	267.7	206.4	161.8	128.0	92.7	63.1	39.6
32.5°	543.6	500.1	438.6	381.6	321.1	248.8	196.9	152.7	112.4	75.1	45.7
30°	595.2	553.7	495.3	428.7	364.5	293.0	232.0	176.2	132.3	87.5	52.6
27.5°	648.6	608.8	550.2	476.6	402.0	330.9	260.9	198.5	152.4	100.3	61.8
25°	702.0	661.2	606.9	529.6	439.5	360.7	287.1	219.6	171.4	113.6	70.4
22.5°	748.7	709.5	663.4	585.6	481.9	389.6	311.7	242.5	184.3	126.0	78.6
20°	791.6	750.5	716.3	633.0	528.0	424.3	335.8	260.4	196.2	137.2	86.2
17.5°	853.0	787.0	743.9	669.4	571.5	459.8	360.6	277.2	207.2	147.4	93.3
15°	993.3	822.8	771.1	701.5	606.9	493.4	385.5	293.4	217.1	156.5	99.5
12.5°	1121.6	856.7	799.5	728.9	633.5	522.7	409.9	308.7	226.0	165.0	104.8
10°	1251.3	889.6	827.4	755.5	656.3	548.1	433.4	324.6	237.1	173.2	109.5
7.5°	1393.4	922.0	853.4	781.0	676.0	568.8	453.9	342.6	247.8	180.6	113.6
5°	1522.6	951.7	880.4	809.4	696.0	585.2	471.4	359.2	257.7	187.0	117.1
2.5°	1613.1	976.9	907.0	836.0	713.2	598.4	486.2	374.0	266.4	192.4	119.9
0°	1680.5	999.3	931.3	859.4	727.4	608.6	498.3	386.8	273.9	196.7	122.1
-2.5°	1677.7	1018.0	951.2	881.9	753.8	623.5	506.1	393.5	281.8	202.7	126.6
-5°	1649.0	1034.5	969.2	901.0	775.9	635.1	511.4	398.0	288.2	207.5	130.3
-7.5°	1613.5	1053.0	986.2	916.3	792.9	642.9	514.0	400.4	293.1	210.9	133.2
-10°	1555.1	1071.2	1001.9	923.7	796.3	647.5	514.9	400.8	296.4	213.0	135.2
-12.5°	1482.9	1087.8	1015.4	926.7	794.5	649.7	518.3	400.3	297.7	213.6	136.2
-15°	1386.9	1110.0	1031.7	925.9	789.2	648.9	518.0	397.6	295.3	212.1	136.2
-17.5°	1251.4	1126.6	1047.3	922.7	781.1	645.2	513.6	391.7	291.2	208.1	134.8
-20°	1235.3	1142.0	1055.9	912.7	769.7	637.1	505.0	382.5	285.3	202.9	132.2



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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°	1246.5	1159.4	1051.8	896.0	755.7	625.2	492.6	370.4	277.6	196.3	128.8
-25°	1248.8	1176.1	1045.8	886.9	739.6	608.7	478.2	358.4	268.0	188.4	124.5
-27.5°	1247.9	1173.1	1036.3	867.7	721.8	588.3	462.2	350.0	260.2	179.3	119.3
-30°	1244.9	1141.6	1002.9	839.7	697.3	565.3	443.6	339.5	251.4	171.9	113.3
-32.5°	1227.7	1106.3	960.0	808.1	668.1	539.3	423.1	326.7	240.7	165.8	109.5
-35°	1182.6	1058.4	916.1	771.7	635.9	514.2	403.0	311.6	228.1	158.1	106.2
-37.5°	1133.3	999.0	871.6	732.0	600.6	486.1	384.3	295.2	213.6	148.9	102.5
-40°	1061.9	934.1	812.9	687.4	564.5	454.7	362.7	276.9	200.4	138.1	97.9
-42.5°	987.0	866.2	750.8	634.9	525.6	426.3	338.4	256.0	186.4	130.0	92.5
-45°	911.1	796.1	686.1	583.2	484.0	394.7	312.1	233.6	170.4	122.7	88.3
-47.5°	830.9	723.9	622.9	528.0	444.6	359.9	281.6	213.4	152.8	114.3	86.6
-50°	748.2	650.3	558.9	476.6	399.6	322.3	249.9	191.1	141.9	104.8	84.6
-52.5°	664.6	575.9	497.8	425.1	352.6	281.3	221.2	167.4	129.9	99.8	82.2
-55°	579.3	507.2	439.3	371.1	303.1	244.6	190.5	151.5	116.8	96.7	79.7
-57.5°	505.2	442.0	377.7	314.2	258.1	207.6	166.8	134.7	110.5	93.1	78.1
-60°	432.2	372.7	313.3	262.8	215.3	176.6	147.2	121.0	105.9	89.6	76.3
-62.5°	356.1	303.3	257.5	213.6	180.4	153.2	129.2	114.8	100.8	87.0	74.2
-65°	284.8	242.6	203.4	178.2	153.5	133.0	121.5	108.2	96.5	84.1	71.9
-67.5°	216.7	193.4	170.2	147.7	134.6	123.9	113.3	102.8	92.3	80.9	69.4
-70°	177.8	157.0	143.6	133.9	124.3	114.9	106.8	97.7	87.9	77.9	66.8
-72.5°	150.0	140.5	131.3	122.6	115.2	107.7	100.4	92.4	83.8	74.6	64.0
-75°	135.4	127.7	120.7	113.8	107.0	100.2	94.2	87.4	79.5	71.2	61.2
-77.5°	124.1	117.3	111.1	105.1	99.4	93.8	88.2	82.2	74.9	67.4	58.1
-80°	113.3	107.6	102.3	97.0	92.1	87.2	81.9	76.6	70.1	63.4	54.9
-82.5°	103.0	98.2	93.3	88.4	84.0	79.6	75.2	70.8	65.1	59.3	51.9
-85°	92.3	88.2	83.8	79.4	75.6	71.8	68.8	65.5	60.7	55.9	49.3
-87.5°	83.7	80.2	76.7	73.2	70.3	67.3	64.3	61.2	56.8	52.4	46.6
-90°	2.6	2.6	2.6	2.6	2.6	2.6	3.0	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	38.9	32.3	25.7	18.1	10.6	6.9	3.3
87.5°	3.5	3.5	3.4	3.4	3.4	3.4	3.3
85°	3.7	3.6	3.5	3.6	3.5	3.5	3.3
82.5°	3.8	3.8	3.7	3.7	3.6	3.6	3.3
80°	4.0	3.9	3.8	3.8	3.8	3.6	3.3
77.5°	4.2	4.1	3.9	4.0	3.9	3.7	3.3
75°	4.4	4.3	4.1	4.1	4.0	3.8	3.3
72.5°	4.5	4.5	4.3	4.2	4.1	3.9	3.3
70°	4.8	4.7	4.5	4.4	4.2	4.0	3.3
67.5°	5.2	5.0	4.8	4.6	4.4	4.1	3.3
65°	5.6	5.3	5.0	4.7	4.5	4.1	3.3
62.5°	6.0	5.7	5.2	4.9	4.6	4.2	3.3
60°	6.4	6.1	5.4	5.1	4.8	4.3	3.3
57.5°	7.5	6.5	5.9	5.2	5.0	4.4	3.3
55°	8.7	6.9	6.4	5.4	5.1	4.5	3.3
52.5°	10.0	7.5	6.9	5.6	5.4	4.6	3.3
50°	11.5	8.9	7.4	5.7	5.6	4.7	3.3
47.5°	13.0	10.3	8.0	5.9	5.8	4.7	3.3
45°	15.1	11.8	8.6	6.4	6.1	4.8	3.3
42.5°	17.3	13.4	9.2	6.9	6.4	4.9	3.3
40°	19.6	15.0	10.1	7.5	6.6	5.0	3.3
37.5°	22.0	16.6	11.4	8.3	6.9	5.0	3.3
35°	24.6	18.5	12.6	9.1	7.3	5.1	3.3
32.5°	27.8	20.5	13.9	10.0	7.6	5.2	3.3
30°	32.7	22.5	15.1	10.8	7.9	5.3	3.3
27.5°	37.6	24.5	16.7	11.7	8.3	5.3	3.3
25°	42.3	26.5	18.3	12.6	8.6	5.4	3.3
22.5°	47.0	28.5	19.9	13.5	9.0	5.5	3.3
20°	51.5	30.6	21.3	14.4	9.3	5.5	3.3
17.5°	55.7	32.7	22.8	15.3	9.7	5.6	3.3
15°	59.4	34.6	24.2	16.2	10.0	5.6	3.3
12.5°	62.7	36.5	25.5	17.1	10.4	5.7	3.3
10°	65.8	38.3	26.7	18.0	10.7	5.7	3.3
7.5°	68.5	39.9	27.9	18.8	11.0	5.8	3.3
5°	70.9	41.5	29.0	19.6	11.3	5.8	3.3
2.5°	72.9	42.9	30.0	20.4	11.6	5.9	3.3
0°	74.6	44.2	31.0	21.1	11.9	5.9	3.3
-2.5°	77.0	46.0	32.4	22.0	12.5	6.2	3.3
-5°	79.0	47.7	33.6	22.9	13.1	6.4	3.3
-7.5°	80.6	49.3	34.8	23.7	13.7	6.7	3.3
-10°	81.8	50.7	35.9	24.5	14.2	6.9	3.3
-12.5°	82.7	52.0	36.9	25.2	14.7	7.1	3.3
-15°	83.1	53.1	37.8	25.8	15.2	7.3	3.3
-17.5°	83.1	54.0	38.6	26.4	15.6	7.5	3.3
-20°	82.7	54.7	39.3	26.9	16.0	7.7	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.1	55.3	39.9	27.4	16.4	7.9	3.3
-25°	81.0	55.8	40.4	27.7	16.7	8.1	3.3
-27.5°	79.4	56.2	40.7	28.1	17.0	8.2	3.3
-30°	77.3	56.3	40.9	28.3	17.2	8.4	3.3
-32.5°	74.7	56.3	41.2	28.5	17.4	8.5	3.3
-35°	73.7	56.2	41.4	28.6	17.5	8.6	3.3
-37.5°	73.2	56.0	41.5	28.7	17.6	8.7	3.3
-40°	72.6	55.9	41.5	28.6	17.6	8.8	3.3
-42.5°	71.7	55.8	41.5	28.6	17.6	8.8	3.3
-45°	70.6	55.4	41.4	28.6	17.6	8.9	3.3
-47.5°	69.2	55.0	41.3	28.5	17.5	8.9	3.3
-50°	68.2	54.4	41.1	28.4	17.3	8.9	3.3
-52.5°	67.3	53.7	40.7	28.1	17.1	8.9	3.3
-55°	66.1	53.0	40.2	27.9	16.8	8.9	3.3
-57.5°	64.8	52.1	39.7	27.5	16.5	8.8	3.3
-60°	63.3	51.1	39.0	27.1	16.2	8.8	3.3
-62.5°	61.8	49.9	38.2	26.5	15.9	8.7	3.3
-65°	60.0	48.6	37.4	25.9	15.6	8.6	3.3
-67.5°	58.1	47.1	36.4	25.3	15.3	8.5	3.3
-70°	55.9	45.6	35.3	24.5	14.9	8.4	3.3
-72.5°	53.8	43.9	34.2	23.9	14.5	8.2	3.3
-75°	51.5	42.2	32.9	23.2	14.0	8.1	3.3
-77.5°	49.2	40.3	31.9	22.5	13.5	7.9	3.3
-80°	46.7	38.7	30.8	21.7	13.0	7.7	3.3
-82.5°	44.8	37.2	29.6	20.9	12.4	7.6	3.3
-85°	42.9	35.6	28.4	20.0	11.8	7.4	3.3
-87.5°	40.9	34.0	27.1	19.1	11.2	7.2	3.3
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3

(END OF REPORT)