

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: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

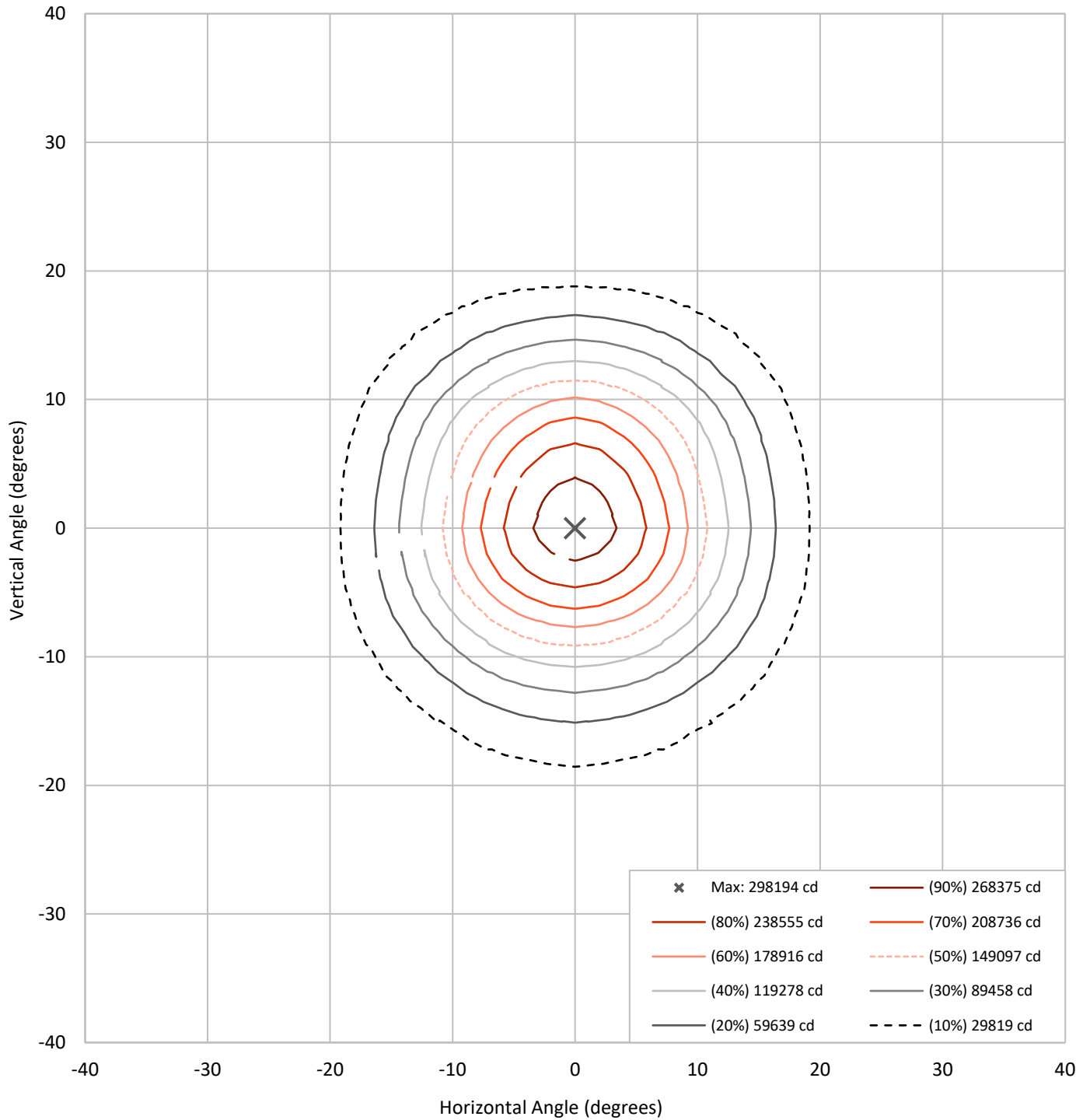
Test Method: LM-79-08
Report Number: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-70-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	48218.2 lumens	Max Intensity:	298194 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	22390.4 lumens	Field Lumens:	40762.6 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
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





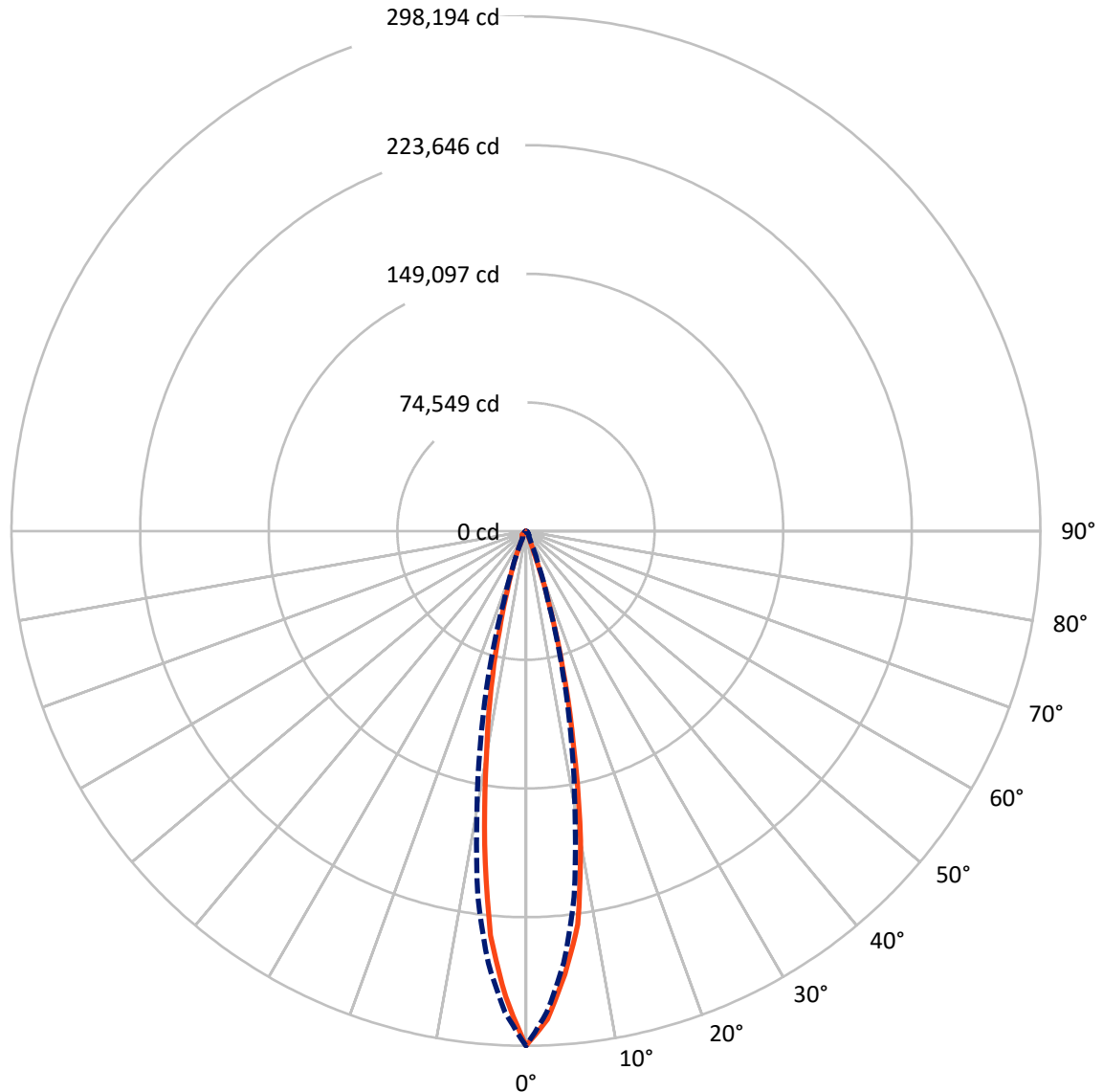
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Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1							
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1							
70	0.1	0.0	0.1	0.4	0.5	0.3	0.2	0.1	0.1	0.2	0.3	0.5	0.4	0.1	0.0	0.1		
60		0.1	0.2	0.4	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.4	0.2	0.1			
50	0.1	0.1	0.3	0.3	0.4	0.6	1.1	0.7	0.7	1.1	0.6	0.4	0.3	0.3	0.1	0.1		
40		0.2	0.6	1.7	3.2	4.6	6.4	7.7	7.7	6.4	4.6	3.2	1.7	0.6	0.2			
30	0.2	0.4	3.1	9.7	23.1	35.0	60.6	114.8	114.8	60.6	35.0	23.1	9.7	3.1	0.4	0.2		
20		0.9	6.5	25.8	59.1	110.4	721.4	2235.5	2235.5	721.4	110.4	59.1	25.8	6.5	0.9			
10	0.2	1.4	8.4	34.6	70.2	221.3	2120.3	6354.7	6354.7	2120.3	221.3	70.2	34.6	8.4	1.4	0.2		
0		1.8	9.0	34.7	70.0	210.9	1994.2	5779.5	5779.5	1994.2	210.9	70.0	34.7	9.0	1.8			
-10	0.4	2.1	8.6	27.8	59.2	102.6	586.6	1698.7	1698.7	586.6	102.6	59.2	27.8	8.6	2.1	0.4		
-20		2.1	8.1	19.7	53.0	79.2	120.3	232.5	232.5	120.3	79.2	53.0	19.7	8.1	2.1			
-30	0.3	1.8	7.0	14.8	37.0	76.9	99.9	111.6	111.6	99.9	76.9	37.0	14.8	7.0	1.8	0.3		
-40		1.3	5.2	12.2	21.9	37.1	63.3	84.4	84.4	63.3	37.1	21.9	12.2	5.2	1.3			
-50	0.2	0.6	3.1	8.1	15.6	23.6	30.7	34.8	34.8	30.7	23.6	15.6	8.1	3.1	0.6	0.2		
-60		0.3	1.0	3.3	6.9	11.0	15.1	17.5	17.5	15.1	11.0	6.9	3.3	1.0	0.3			
-70	0.1	0.6	3.1	8.1	15.6	23.6	30.7	34.8	34.8	30.7	23.6	15.6	8.1	3.1	0.6	0.1		
-80		0.3	1.0	3.3	6.9	11.0	15.1	17.5	17.5	15.1	11.0	6.9	3.3	1.0	0.3			
-90	0.1	0.8	2.3	5.4	7.3	5.4	2.3	0.8	0.1									

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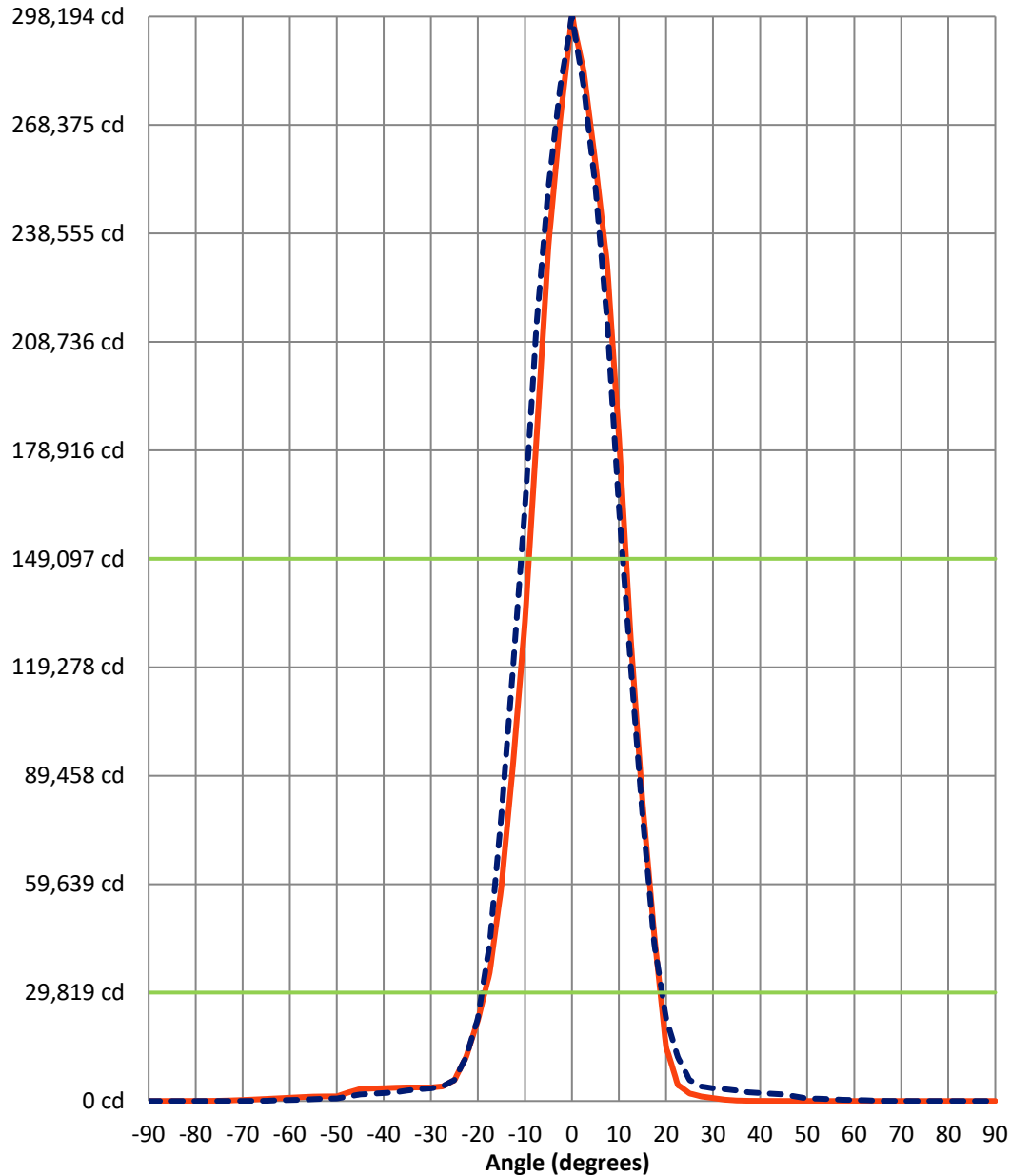
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.6°
 V Angle: 20.7°
 Lumens: 22390.4
 Efficiency: 46.4%

Field:
 H Angle: 38.3°
 V Angle: 37.3°
 Lumens: 40762.6
 Efficiency: 84.5%

Spill:
 Lumens: 7455.6
 Efficiency: 15.5%

— 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°	3.5	4.1	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1
87.5°	3.5	3.5	3.5	3.3	3.0	2.9	2.7	2.6	2.6	2.5	2.4
85°	3.5	3.6	3.5	3.3	3.1	3.0	3.0	2.9	2.8	2.6	2.4
82.5°	3.5	3.6	3.5	3.3	3.2	3.2	3.3	3.2	3.0	2.8	2.7
80°	3.5	3.6	3.5	3.4	3.3	3.4	3.5	3.3	3.2	3.1	3.2
77.5°	3.5	3.6	3.5	3.4	3.4	3.5	3.5	3.4	3.3	3.4	3.5
75°	3.5	3.7	3.5	3.4	3.5	3.6	3.5	3.5	3.5	3.5	3.5
72.5°	3.5	3.7	3.5	3.5	3.6	3.7	3.6	3.5	3.5	3.5	3.5
70°	3.5	3.7	3.5	3.5	3.7	3.8	3.6	3.5	3.5	3.5	3.6
67.5°	3.5	3.7	3.6	3.6	3.9	3.9	3.6	3.5	3.5	3.7	3.6
65°	3.5	3.8	3.6	3.8	4.0	3.9	3.7	3.5	3.8	3.9	3.8
62.5°	3.5	3.8	3.6	3.9	4.1	4.0	3.7	3.7	4.0	4.1	3.8
60°	3.5	3.8	3.7	4.0	4.3	4.0	3.7	4.0	4.3	4.1	3.9
57.5°	3.5	3.9	3.8	4.1	4.3	4.0	4.0	4.4	4.5	4.2	4.2
55°	3.5	3.9	3.9	4.3	4.3	4.1	4.3	4.7	4.5	4.3	4.7
52.5°	3.5	3.9	4.0	4.4	4.3	4.1	4.6	4.8	4.6	4.8	5.2
50°	3.5	4.0	4.0	4.5	4.4	4.4	4.9	4.9	4.7	5.2	6.4
47.5°	3.5	4.0	4.1	4.6	4.4	4.6	5.2	4.9	5.1	5.7	7.5
45°	3.5	4.0	4.2	4.7	4.4	4.9	5.2	5.0	5.5	6.5	8.5
42.5°	3.5	4.1	4.3	4.7	4.5	5.1	5.3	5.2	6.0	7.2	9.8
40°	3.5	4.1	4.3	4.7	4.6	5.3	5.3	5.7	6.5	7.9	11.1
37.5°	3.5	4.2	4.4	4.7	4.8	5.5	5.4	6.1	7.2	8.8	12.3
35°	3.5	4.2	4.5	4.8	4.9	5.6	5.5	6.5	7.9	10.2	13.4
32.5°	3.5	4.2	4.5	4.8	5.1	5.7	5.6	7.0	8.5	11.7	14.8
30°	3.5	4.3	4.5	4.9	5.2	5.7	6.0	7.4	9.1	13.1	16.3
27.5°	3.5	4.3	4.6	4.9	5.4	5.8	6.3	8.0	9.9	14.6	18.0
25°	3.5	4.4	4.6	5.0	5.5	5.9	6.7	8.4	11.1	16.0	19.8
22.5°	3.5	4.4	4.6	5.1	5.6	5.9	7.0	8.9	12.3	17.4	23.0
20°	3.5	4.4	4.7	5.2	5.7	6.0	7.4	9.3	13.4	18.8	26.7
17.5°	3.5	4.5	4.7	5.3	5.8	6.1	7.7	9.7	14.5	20.3	30.6
15°	3.5	4.5	4.7	5.4	5.8	6.2	8.0	10.1	15.5	21.7	34.8
12.5°	3.5	4.5	4.7	5.5	5.8	6.4	8.3	10.5	16.4	23.1	39.1
10°	3.5	4.6	4.7	5.5	5.9	6.5	8.6	10.8	17.1	24.9	43.5
7.5°	3.5	4.6	4.7	5.6	5.9	6.7	8.8	11.1	17.7	26.7	47.8
5°	3.5	4.6	4.7	5.7	5.9	6.8	9.1	11.4	18.2	28.6	52.0
2.5°	3.5	4.7	4.7	5.8	5.9	7.0	9.2	11.6	18.6	30.3	55.7
0°	3.5	4.7	4.7	5.9	5.9	7.1	9.4	11.8	18.9	31.9	59.0
-2.5°	3.5	4.7	4.8	6.0	6.1	7.5	10.3	14.6	24.6	42.0	73.6
-5°	3.5	4.7	4.8	6.0	6.3	7.8	11.2	17.2	30.1	51.7	87.3
-7.5°	3.5	4.8	4.9	6.1	6.5	8.2	12.0	19.7	35.2	60.7	100.1
-10°	3.5	4.8	4.9	6.2	6.7	8.5	12.8	21.9	39.8	68.7	111.5
-12.5°	3.5	4.8	5.0	6.2	6.9	8.8	13.4	23.8	43.7	75.7	121.3
-15°	3.5	4.8	5.0	6.2	7.1	9.1	14.0	25.3	47.5	81.7	129.3
-17.5°	3.5	4.8	5.1	6.3	7.2	9.3	14.3	27.0	51.4	86.6	135.3
-20°	3.5	4.8	5.1	6.3	7.4	9.5	14.8	28.8	54.2	90.5	139.2



REPORT NUMBER: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.5	4.8	5.2	6.3	7.5	9.6	15.4	29.8	56.1	93.2	140.8
-25°	3.5	4.8	5.2	6.3	7.6	9.8	15.6	30.1	56.8	94.8	140.0
-27.5°	3.5	4.8	5.3	6.3	7.6	9.9	15.5	29.5	56.3	95.3	141.1
-30°	3.5	4.8	5.3	6.3	7.7	10.0	15.0	28.2	55.4	94.6	140.8
-32.5°	3.5	4.8	5.3	6.3	7.8	10.0	14.1	27.3	53.8	92.2	138.9
-35°	3.5	4.8	5.4	6.3	7.8	9.9	13.8	26.3	50.9	88.2	135.4
-37.5°	3.5	4.8	5.4	6.3	7.9	9.8	13.7	24.7	46.8	82.3	127.1
-40°	3.5	4.8	5.5	6.2	7.9	9.8	13.4	22.4	41.4	76.1	116.7
-42.5°	3.5	4.8	5.5	6.2	7.9	9.8	13.1	19.5	37.1	67.4	104.7
-45°	3.5	4.8	5.5	6.2	7.8	9.8	12.6	17.3	33.1	57.5	91.4
-47.5°	3.5	4.8	5.6	6.1	7.8	9.7	12.1	16.7	28.2	46.6	78.9
-50°	3.5	4.7	5.6	6.2	7.7	9.6	11.9	15.8	22.4	39.9	65.1
-52.5°	3.5	4.7	5.7	6.2	7.6	9.5	11.7	14.9	19.7	32.6	50.8
-55°	3.5	4.7	5.7	6.2	7.5	9.3	11.4	13.8	18.3	24.7	41.7
-57.5°	3.5	4.7	5.7	6.2	7.3	9.1	11.2	13.5	16.7	21.4	31.9
-60°	3.5	4.6	5.7	6.3	7.2	8.9	10.8	13.0	15.2	19.3	24.2
-62.5°	3.5	4.6	5.7	6.2	7.1	8.6	10.5	12.5	14.6	17.1	21.6
-65°	3.5	4.6	5.6	6.2	7.0	8.3	10.1	11.9	13.8	16.0	18.8
-67.5°	3.5	4.5	5.5	6.2	6.9	8.1	9.6	11.3	13.1	15.0	17.2
-70°	3.5	4.5	5.4	6.2	6.8	7.8	9.2	10.7	12.3	14.0	15.9
-72.5°	3.5	4.4	5.4	6.0	6.7	7.5	8.7	10.0	11.4	13.0	14.7
-75°	3.5	4.4	5.3	5.9	6.5	7.2	8.2	9.4	10.5	11.9	13.4
-77.5°	3.5	4.3	5.2	5.8	6.3	6.9	7.7	8.7	9.8	10.8	12.0
-80°	3.5	4.3	5.1	5.6	6.1	6.6	7.1	8.1	9.0	10.0	11.0
-82.5°	3.5	4.3	5.0	5.5	5.9	6.4	6.8	7.5	8.3	9.1	10.0
-85°	3.5	4.2	4.9	5.3	5.7	6.1	6.5	7.1	7.7	8.3	9.0
-87.5°	3.5	4.2	4.8	5.2	5.5	5.9	6.2	6.6	7.1	7.6	8.1
-90°	3.5	3.5	3.5	3.2	3.0	2.7	2.4	2.4	2.4	2.4	2.4



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 CATALOG NUMBER: EPH-08-320N-50-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.1	7.1	7.1	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.1
87.5°	2.2	2.1	2.0	1.9	1.7	1.6	1.4	1.2	1.2	1.2	1.2
85°	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2	1.2
82.5°	2.7	2.7	2.6	2.4	2.1	1.8	1.5	1.4	1.4	1.4	1.3
80°	3.1	3.0	2.7	2.4	2.3	2.2	2.1	2.2	2.1	1.9	1.7
77.5°	3.3	3.0	2.7	2.5	2.4	2.6	2.8	3.0	2.9	2.8	2.7
75°	3.3	3.0	2.9	2.9	3.1	3.3	3.5	3.5	3.4	3.3	3.3
72.5°	3.4	3.3	3.3	3.5	3.5	3.5	3.5	3.5	4.5	5.8	6.7
70°	3.5	3.5	3.5	3.5	3.5	3.8	5.5	7.8	10.3	11.6	12.8
67.5°	3.5	3.5	3.5	3.7	4.5	6.3	9.0	14.1	19.5	20.8	20.6
65°	3.5	3.5	3.9	4.8	5.8	10.2	15.7	22.1	26.9	26.1	24.4
62.5°	3.5	4.0	4.8	6.5	10.1	15.3	20.3	24.9	29.4	28.6	24.7
60°	4.0	4.6	6.6	10.1	13.9	17.7	22.5	25.4	28.4	29.1	22.3
57.5°	4.6	6.0	9.3	12.9	16.2	19.0	20.7	23.3	24.4	23.7	17.4
55°	5.5	7.9	11.5	15.0	17.3	16.5	17.7	18.5	18.2	16.8	12.3
52.5°	7.2	9.8	13.3	16.2	16.5	14.9	13.9	14.1	13.0	11.1	9.6
50°	8.7	11.7	14.9	16.5	15.8	13.4	11.1	10.8	10.0	9.1	8.3
47.5°	10.2	13.5	16.0	16.8	14.6	12.5	10.3	9.5	9.0	9.3	8.8
45°	11.8	14.9	17.4	15.9	13.9	12.2	11.3	9.4	10.6	11.3	11.7
42.5°	13.3	16.0	17.1	15.2	14.1	14.0	13.9	13.4	14.1	17.0	18.7
40°	14.4	17.2	17.1	16.7	15.4	17.7	20.0	21.7	21.8	25.7	28.7
37.5°	15.4	17.6	18.6	20.9	19.8	24.1	27.8	42.6	43.2	35.7	48.4
35°	16.3	18.5	24.5	31.1	33.8	32.9	53.7	73.2	78.0	70.1	83.2
32.5°	17.3	19.9	32.4	48.1	62.4	63.4	87.2	118.1	134.4	139.8	147.0
30°	19.2	27.3	44.7	69.5	103.7	131.7	143.1	176.3	206.3	266.4	308.4
27.5°	22.6	36.9	65.2	107.7	160.2	213.0	231.2	254.3	332.9	439.3	544.5
25°	26.8	57.3	88.6	158.2	238.5	297.2	320.3	351.4	499.9	705.5	826.4
22.5°	37.4	83.5	124.0	216.5	325.4	379.2	409.3	521.2	748.4	1021.4	1143.9
20°	56.6	114.8	167.1	265.2	412.6	460.6	494.4	727.1	1057.8	1317.2	1509.4
17.5°	78.7	146.1	209.9	316.5	450.4	522.5	593.2	954.5	1382.1	1610.2	1836.5
15°	103.1	177.3	247.0	362.1	484.6	559.7	745.2	1211.7	1675.2	1897.8	2123.5
12.5°	129.0	208.0	278.8	402.2	518.4	594.4	883.3	1395.2	1831.9	2124.6	2395.5
10°	155.4	237.9	306.0	436.8	551.1	626.4	1012.4	1551.1	1914.9	2175.4	2482.3
7.5°	173.2	257.5	327.1	466.1	582.1	655.9	1129.4	1679.7	1971.3	2200.8	2473.5
5°	187.3	264.9	335.3	487.0	607.7	679.1	1221.6	1781.3	2005.6	2204.8	2427.8
2.5°	198.5	269.9	341.6	503.2	628.1	694.0	1252.2	1812.6	2012.4	2204.6	2405.8
0°	206.6	272.8	346.0	514.8	644.7	706.1	1258.7	1819.5	2007.3	2199.7	2414.6
-2.5°	213.9	281.2	359.6	524.7	645.4	707.5	1252.5	1811.4	2029.9	2253.0	2509.7
-5°	218.4	287.9	370.7	529.7	642.9	706.6	1223.9	1779.2	2027.5	2253.9	2525.4
-7.5°	220.6	293.0	378.9	529.1	634.0	697.0	1148.3	1675.8	1947.9	2161.1	2445.7
-10°	221.3	299.2	384.3	517.8	617.4	680.9	1050.6	1553.2	1859.8	2059.5	2335.6
-12.5°	223.3	306.4	387.8	505.2	601.0	662.7	940.2	1413.9	1764.3	1950.6	2210.0
-15°	223.2	311.9	389.5	492.1	585.7	642.2	819.6	1260.2	1693.2	1929.8	2141.9
-17.5°	221.1	315.8	389.7	479.6	572.4	619.6	695.5	1124.4	1634.4	1921.3	2127.0
-20°	217.3	318.1	388.5	468.5	560.2	610.1	671.9	992.8	1478.2	1891.1	2121.2



REPORT NUMBER: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	211.8	318.7	387.1	462.8	550.5	613.1	666.1	848.6	1271.7	1840.8	2081.6
-25°	208.8	309.4	385.5	456.3	540.2	616.8	660.2	715.6	1067.8	1588.2	1989.0
-27.5°	207.2	298.6	376.8	445.4	527.0	615.9	660.7	707.7	895.3	1299.7	1845.7
-30°	202.4	280.8	364.8	431.1	511.6	598.5	665.0	701.9	754.5	1068.2	1513.8
-32.5°	192.2	262.1	345.2	415.5	491.3	578.2	660.5	701.7	746.7	839.7	1199.4
-35°	181.5	247.4	322.7	396.3	466.5	550.8	631.3	700.1	739.1	787.2	948.0
-37.5°	173.1	230.9	299.7	372.7	441.9	517.8	598.9	674.9	733.2	781.7	843.0
-40°	162.5	212.6	278.7	347.2	414.9	485.0	560.8	637.4	710.9	784.6	840.4
-42.5°	149.6	198.4	256.8	321.1	386.0	453.4	521.1	595.0	680.7	773.4	845.1
-45°	134.4	181.8	233.8	293.4	354.4	419.2	484.7	551.5	641.8	737.1	827.0
-47.5°	117.2	162.8	212.3	263.6	321.2	381.6	445.4	515.2	594.5	685.5	783.3
-50°	99.1	141.4	187.6	235.2	286.6	342.4	401.4	471.9	546.5	626.2	714.6
-52.5°	82.0	117.9	160.7	206.1	252.6	302.6	357.9	421.0	490.9	565.1	639.4
-55°	63.5	95.8	131.6	174.0	218.7	263.6	312.0	368.0	428.8	496.5	563.0
-57.5°	49.2	72.8	103.7	139.2	180.8	224.4	267.2	312.6	365.9	423.6	479.7
-60°	37.3	53.5	76.2	106.3	139.7	178.9	219.9	261.4	304.2	347.1	394.9
-62.5°	26.4	38.9	54.0	73.9	102.4	131.6	165.9	204.1	244.5	281.3	316.5
-65°	23.1	26.8	37.0	51.1	65.8	89.9	115.9	142.6	176.0	209.0	242.5
-67.5°	19.7	23.0	26.4	31.6	44.3	56.9	69.5	92.2	115.4	136.4	158.9
-70°	17.8	19.5	22.3	25.2	28.1	33.4	44.3	55.2	65.8	78.3	96.1
-72.5°	16.2	17.6	19.2	20.9	23.4	25.9	28.4	30.8	37.1	45.7	53.9
-75°	14.6	15.7	17.0	18.3	19.8	21.3	23.0	25.2	27.2	29.1	31.1
-77.5°	13.1	14.0	15.0	15.9	16.9	18.1	19.3	20.7	21.8	22.9	24.1
-80°	11.6	12.3	13.1	14.0	14.6	15.3	16.0	16.8	17.4	18.1	18.8
-82.5°	10.4	10.9	11.4	12.0	12.4	12.8	13.1	13.6	14.2	14.8	15.3
-85°	9.2	9.4	9.6	9.9	10.4	10.8	11.2	11.6	11.9	12.2	12.5
-87.5°	8.2	8.2	8.3	8.4	8.8	9.2	9.6	9.9	10.1	10.2	10.3
-90°	2.1	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.4	9.4	9.4	9.4	9.4	9.7	10.0	10.3	10.6	10.6	10.6
87.5°	1.2	1.2	1.1	1.1	1.1	0.8	0.6	0.3	0.0	0.0	0.0
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.6	1.5	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	2.6	2.4	2.1	1.7	1.3	1.2	1.2	1.2	1.2	1.2	1.2
75°	3.4	3.3	3.2	2.9	2.4	2.3	2.3	2.3	2.2	2.2	2.3
72.5°	7.2	7.1	6.7	6.1	5.3	4.9	4.8	4.6	4.3	4.1	4.0
70°	13.1	12.6	11.9	10.5	8.8	7.6	6.9	6.1	5.1	4.7	4.6
67.5°	18.8	16.8	15.2	13.4	11.0	9.0	7.9	6.9	6.0	5.5	5.3
65°	21.7	17.4	14.5	12.2	10.4	8.8	7.6	6.5	5.5	5.0	4.8
62.5°	20.0	14.5	11.4	9.5	8.0	7.0	6.1	5.3	4.4	3.9	4.1
60°	16.3	11.1	8.5	7.5	6.6	6.0	5.2	4.5	3.9	3.6	3.9
57.5°	12.5	8.9	7.0	6.5	5.9	5.1	4.5	4.3	4.3	4.3	4.5
55°	9.3	7.9	7.1	6.3	5.5	5.0	4.7	4.9	4.9	4.7	4.7
52.5°	8.0	7.3	6.4	5.7	5.6	5.6	5.8	5.6	5.4	5.4	5.6
50°	7.8	7.1	6.5	5.9	6.1	6.1	5.9	6.2	6.5	6.6	6.8
47.5°	8.4	7.9	8.3	7.0	7.3	8.2	8.2	8.4	9.4	9.9	10.1
45°	11.0	13.4	13.4	12.4	11.9	17.2	17.6	14.7	24.0	23.0	16.2
42.5°	20.4	21.6	21.7	27.1	36.7	41.8	55.4	77.1	72.2	56.1	33.9
40°	33.7	32.0	39.0	50.1	61.3	74.4	93.1	130.0	123.7	99.0	108.9
37.5°	58.2	58.2	61.5	76.9	81.2	69.9	99.4	96.0	76.5	107.6	113.8
35°	106.4	117.0	99.4	123.2	126.4	116.3	121.9	134.7	116.5	139.5	149.3
32.5°	191.0	210.8	213.3	219.2	236.8	250.2	246.4	277.9	279.5	309.2	349.8
30°	305.3	346.2	388.6	395.3	417.1	452.7	470.6	533.9	601.0	645.0	725.7
27.5°	536.6	546.7	632.1	699.2	672.4	725.7	859.0	936.3	1064.6	1141.0	1222.2
25°	861.9	889.8	1009.9	1133.6	1150.1	1198.8	1392.5	1503.1	1635.3	1712.5	1880.0
22.5°	1274.7	1394.7	1526.9	1689.7	1756.5	1870.8	2059.1	2221.3	2496.7	2837.4	3571.5
20°	1734.5	1914.8	2092.6	2235.6	2373.4	2555.2	2784.3	3566.7	4493.8	7287.2	9214.5
17.5°	2128.0	2423.3	2593.3	2731.7	2904.6	3255.4	4164.9	6470.5	10916.8	17135.8	22828.5
15°	2434.0	2709.7	2983.0	3156.6	3426.7	4203.3	6053.7	11708.3	20921.6	31419.8	44123.7
12.5°	2676.6	2905.6	3135.1	3390.5	3889.7	5403.0	10110.8	18843.4	32241.1	49210.8	71732.5
10°	2807.6	3036.7	3258.2	3621.8	4545.7	7301.5	13899.3	25415.4	46443.2	72946.1	101648.3
7.5°	2806.6	3086.0	3359.9	3803.3	5214.4	9570.1	18362.0	33945.7	58817.8	92045.0	128996.5
5°	2805.1	3143.1	3430.1	3930.6	5632.7	11118.3	21132.1	38669.8	68893.9	106390.8	145956.8
2.5°	2832.3	3204.4	3475.5	4014.4	5826.5	11949.0	22668.8	42401.2	75938.3	114556.2	156835.6
0°	2896.4	3258.9	3502.1	4022.8	5803.4	12120.4	22847.4	43303.9	78649.5	119677.5	163063.4
-2.5°	3002.3	3251.1	3487.0	3988.8	5726.0	11766.8	22430.0	42516.4	75508.0	113978.7	155968.3
-5°	2938.5	3139.4	3348.2	3799.6	5346.2	10527.4	20204.5	38045.2	66223.7	100770.6	136740.4
-7.5°	2774.8	2978.4	3171.8	3561.1	4798.8	8687.5	16527.5	30562.7	52571.9	79476.8	107728.9
-10°	2625.6	2808.2	2990.3	3301.7	4100.3	6372.0	11826.9	21629.7	38383.6	58665.1	80255.5
-12.5°	2510.7	2664.1	2804.3	3013.1	3457.2	4725.9	8604.2	15879.8	25775.3	38687.6	54488.5
-15°	2409.6	2528.8	2632.0	2832.9	3163.0	3825.8	5361.3	9517.8	15683.7	23819.9	32447.7
-17.5°	2316.1	2430.4	2552.3	2705.3	2913.2	3231.4	4113.4	5861.8	9419.0	14733.7	19822.2
-20°	2268.3	2408.2	2512.9	2632.6	2809.0	3053.6	3363.5	4230.8	5696.9	8963.3	12271.8



REPORT NUMBER: P1306041 (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°	2230.5	2364.0	2483.5	2622.4	2803.5	2996.5	3163.8	3428.7	4120.5	5146.2	6854.2
-25°	2184.6	2316.2	2492.9	2695.0	2850.7	2996.6	3081.5	3136.7	3433.6	3726.8	4380.6
-27.5°	2097.3	2305.8	2565.4	2783.6	2951.1	3041.7	3110.0	3154.8	3332.8	3507.6	3697.8
-30°	2019.3	2338.9	2619.2	2873.0	3018.8	3129.4	3218.5	3299.2	3422.2	3570.3	3639.5
-32.5°	1742.6	2329.9	2641.7	2875.3	3025.2	3155.7	3293.0	3367.5	3475.9	3584.4	3671.8
-35°	1368.8	1965.6	2617.3	2751.1	2899.8	3070.0	3235.1	3341.1	3451.3	3563.0	3666.0
-37.5°	1025.3	1471.7	2000.2	2483.6	2683.1	2857.4	3060.0	3223.3	3367.7	3489.4	3606.7
-40°	898.7	1019.8	1408.6	1792.5	2200.3	2574.5	2774.8	2993.5	3210.7	3361.1	3494.9
-42.5°	897.4	943.7	983.4	1240.7	1554.4	1876.3	2216.8	2534.3	2887.7	3135.4	3323.3
-45°	903.1	939.2	976.2	1013.4	1047.7	1284.5	1532.8	1784.6	2153.4	2519.6	2836.1
-47.5°	860.1	929.8	974.1	1009.8	1043.7	1076.9	1109.4	1177.3	1413.1	1662.6	1890.7
-50°	791.9	863.7	929.7	995.9	1034.7	1067.6	1102.9	1141.7	1179.4	1217.8	1243.3
-52.5°	708.3	779.0	847.6	910.5	967.0	1022.6	1078.1	1123.2	1163.5	1202.8	1222.4
-55°	628.3	691.9	754.5	809.8	864.9	919.7	975.0	1029.9	1084.6	1138.2	1165.6
-57.5°	539.6	601.3	660.2	706.7	753.6	800.3	850.5	902.1	952.0	997.6	1021.7
-60°	445.4	498.4	548.8	593.9	637.8	680.1	722.6	765.7	807.8	844.9	866.7
-62.5°	351.8	392.6	434.7	474.0	511.4	547.4	586.3	623.4	658.4	687.9	708.5
-65°	275.4	305.9	332.8	360.1	387.8	419.4	451.4	481.7	510.0	533.5	551.0
-67.5°	187.0	215.1	239.7	262.9	284.1	305.7	328.7	350.7	371.6	388.9	402.5
-70°	113.1	128.9	142.9	158.6	177.1	195.3	213.5	230.2	245.5	258.0	267.9
-72.5°	61.5	68.1	75.3	86.5	96.9	107.2	117.4	126.7	135.2	142.7	149.3
-75°	33.0	35.9	41.1	45.7	49.9	54.1	58.1	61.8	65.2	68.0	70.2
-77.5°	25.5	26.9	28.2	29.3	30.3	31.2	32.1	32.9	33.7	34.5	35.2
-80°	19.6	20.6	21.5	22.4	23.3	23.9	24.4	24.8	25.2	25.7	26.2
-82.5°	15.8	16.2	16.6	17.1	17.6	18.0	18.5	19.0	19.5	19.7	19.8
-85°	12.9	13.1	13.2	13.4	13.5	13.7	13.8	13.9	14.0	14.1	14.1
-87.5°	10.4	10.4	10.4	10.5	10.5	10.8	11.1	11.4	11.8	11.8	11.8
-90°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-70-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.3
87.5°	0.0	0.0	0.6	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.3
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.3
72.5°	3.8	3.5	3.5	3.5	3.5	3.5	3.8	4.0	4.1	4.3	4.6
70°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.7	5.1	6.1
67.5°	5.0	4.7	4.2	3.5	4.2	4.7	5.0	5.3	5.5	6.0	6.9
65°	4.7	4.7	4.2	3.5	4.2	4.7	4.7	4.8	5.0	5.5	6.5
62.5°	4.3	4.6	4.2	3.5	4.2	4.6	4.3	4.1	3.9	4.4	5.3
60°	4.3	4.6	4.7	4.7	4.7	4.6	4.3	3.9	3.6	3.9	4.5
57.5°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.3	4.3	4.3
55°	4.7	4.7	5.2	5.9	5.2	4.7	4.7	4.7	4.7	4.9	4.9
52.5°	5.7	5.8	5.9	5.9	5.9	5.8	5.7	5.6	5.4	5.4	5.6
50°	6.9	7.0	7.1	7.1	7.1	7.0	6.9	6.8	6.6	6.5	6.2
47.5°	10.0	9.6	9.4	9.4	9.4	9.6	10.0	10.1	9.9	9.4	8.4
45°	16.4	16.4	16.3	16.5	16.3	16.4	16.4	16.2	23.0	24.0	14.7
42.5°	33.1	29.8	27.2	28.3	27.2	29.8	33.1	33.9	56.1	72.2	77.1
40°	97.2	66.8	38.7	39.0	38.7	66.8	97.2	108.9	99.0	123.7	130.0
37.5°	90.8	73.2	66.1	64.9	66.1	73.2	90.8	113.8	107.6	76.5	96.0
35°	149.8	148.9	142.3	141.7	142.3	148.9	149.8	149.3	139.5	116.5	134.7
32.5°	365.5	380.5	375.6	369.6	375.6	380.5	365.5	349.8	309.2	279.5	277.9
30°	764.0	797.3	790.5	808.8	790.5	797.3	764.0	725.7	645.0	601.0	533.9
27.5°	1267.2	1289.0	1266.5	1259.9	1266.5	1289.0	1267.2	1222.2	1141.0	1064.6	936.3
25°	1994.5	2036.6	2056.1	2095.8	2056.1	2036.6	1994.5	1880.0	1712.5	1635.3	1503.1
22.5°	4484.3	4745.6	4611.4	4491.6	4611.4	4745.6	4484.3	3571.5	2837.4	2496.7	2221.3
20°	13160.1	15484.4	15313.1	15007.3	15313.1	15484.4	13160.1	9214.5	7287.2	4493.8	3566.7
17.5°	31732.9	38873.6	43320.5	45660.6	43320.5	38873.6	31732.9	22828.5	17135.8	10916.8	6470.5
15°	59200.3	71210.9	78263.0	82262.6	78263.0	71210.9	59200.3	44123.7	31419.8	20921.6	11708.3
12.5°	93384.4	112209.4	124698.1	127085.6	124698.1	112209.4	93384.4	71732.5	49210.8	32241.1	18843.4
10°	131025.7	155136.3	175020.9	182273.0	175020.9	155136.3	131025.7	101648.3	72946.1	46443.2	25415.4
7.5°	163172.6	193940.5	220344.4	229735.5	220344.4	193940.5	163172.6	128996.5	92045.0	58817.8	33945.7
5°	186548.6	227363.3	251263.3	257712.1	251263.3	227363.3	186548.6	145956.8	106390.8	68893.9	38669.8
2.5°	205576.7	244320.0	269943.9	283155.4	269943.9	244320.0	205576.7	156835.6	114556.2	75938.3	42401.2
0°	213943.0	251175.5	278810.8	298194.0	278810.8	251175.5	213943.0	163063.4	119677.5	78649.5	43303.9
-2.5°	203661.4	241736.9	261395.3	269890.9	261395.3	241736.9	203661.4	155968.3	113978.7	75508.0	42516.4
-5°	173154.8	209047.8	228805.9	235083.1	228805.9	209047.8	173154.8	136740.4	100770.6	66223.7	38045.2
-7.5°	135067.9	159934.6	176981.4	182922.5	176981.4	159934.6	135067.9	107728.9	79476.8	52571.9	30562.7
-10°	101703.2	119536.9	128672.0	131759.5	128672.0	119536.9	101703.2	80255.5	58665.1	38383.6	21629.7
-12.5°	69835.0	83260.2	89165.2	93044.6	89165.2	83260.2	69835.0	54488.5	38687.6	25775.3	15879.8
-15°	42957.4	51709.6	56359.4	59013.7	56359.4	51709.6	42957.4	32447.7	23819.9	15683.7	9517.8
-17.5°	26098.8	30856.3	33937.8	35333.8	33937.8	30856.3	26098.8	19822.2	14733.7	9419.0	5861.8
-20°	16202.8	19370.4	21169.6	22201.6	21169.6	19370.4	16202.8	12271.8	8963.3	5696.9	4230.8



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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°	9102.3	10840.4	11814.9	12154.6	11814.9	10840.4	9102.3	6854.2	5146.2	4120.5	3428.7
-25°	5061.7	5504.1	5697.6	5743.2	5697.6	5504.1	5061.7	4380.6	3726.8	3433.6	3136.7
-27.5°	3862.7	3957.1	4016.9	4034.6	4016.9	3957.1	3862.7	3697.8	3507.6	3332.8	3154.8
-30°	3705.2	3715.1	3731.5	3728.8	3731.5	3715.1	3705.2	3639.5	3570.3	3422.2	3299.2
-32.5°	3733.4	3737.0	3740.3	3734.7	3740.3	3737.0	3733.4	3671.8	3584.4	3475.9	3367.5
-35°	3722.2	3732.9	3741.3	3745.3	3741.3	3732.9	3722.2	3666.0	3563.0	3451.3	3341.1
-37.5°	3653.4	3668.1	3675.4	3668.6	3675.4	3668.1	3653.4	3606.7	3489.4	3367.7	3223.3
-40°	3527.0	3537.7	3538.4	3532.8	3538.4	3537.7	3527.0	3494.9	3361.1	3210.7	2993.5
-42.5°	3380.6	3417.8	3435.4	3436.0	3435.4	3417.8	3380.6	3323.3	3135.4	2887.7	2534.3
-45°	3036.7	3192.4	3284.7	3307.3	3284.7	3192.4	3036.7	2836.1	2519.6	2153.4	1784.6
-47.5°	2073.0	2227.6	2328.2	2366.2	2328.2	2227.6	2073.0	1890.7	1662.6	1413.1	1177.3
-50°	1261.9	1280.6	1288.8	1287.0	1288.8	1280.6	1261.9	1243.3	1217.8	1179.4	1141.7
-52.5°	1237.4	1252.2	1261.4	1265.8	1261.4	1252.2	1237.4	1222.4	1202.8	1163.5	1123.2
-55°	1188.1	1206.7	1216.2	1218.5	1216.2	1206.7	1188.1	1165.6	1138.2	1084.6	1029.9
-57.5°	1041.9	1058.0	1067.3	1070.9	1067.3	1058.0	1041.9	1021.7	997.6	952.0	902.1
-60°	884.3	897.9	903.8	904.5	903.8	897.9	884.3	866.7	844.9	807.8	765.7
-62.5°	725.6	739.0	743.5	742.7	743.5	739.0	725.6	708.5	687.9	658.4	623.4
-65°	565.7	577.4	579.7	577.4	579.7	577.4	565.7	551.0	533.5	510.0	481.7
-67.5°	413.9	423.0	425.7	425.1	425.7	423.0	413.9	402.5	388.9	371.6	350.7
-70°	275.8	281.7	281.5	278.7	281.5	281.7	275.8	267.9	258.0	245.5	230.2
-72.5°	154.8	159.3	162.9	165.3	162.9	159.3	154.8	149.3	142.7	135.2	126.7
-75°	72.1	73.5	75.3	76.7	75.3	73.5	72.1	70.2	68.0	65.2	61.8
-77.5°	35.9	36.4	37.1	37.8	37.1	36.4	35.9	35.2	34.5	33.7	32.9
-80°	26.7	27.1	27.2	27.2	27.2	27.1	26.7	26.2	25.7	25.2	24.8
-82.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.8	19.7	19.5	19.0
-85°	14.2	14.2	14.7	15.3	14.7	14.2	14.2	14.1	14.1	14.0	13.9
-87.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.0	9.7	9.4	9.4	9.4	9.4	9.4	9.1	8.9	8.6	8.3
87.5°	0.6	0.8	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.4
80°	1.2	1.2	1.2	1.4	1.5	1.5	1.6	1.7	1.9	2.1	2.2
77.5°	1.2	1.2	1.3	1.7	2.1	2.4	2.6	2.7	2.8	2.9	3.0
75°	2.3	2.3	2.4	2.9	3.2	3.3	3.4	3.3	3.3	3.4	3.5
72.5°	4.8	4.9	5.3	6.1	6.7	7.1	7.2	6.7	5.8	4.5	3.5
70°	6.9	7.6	8.8	10.5	11.9	12.6	13.1	12.8	11.6	10.3	7.8
67.5°	7.9	9.0	11.0	13.4	15.2	16.8	18.8	20.6	20.8	19.5	14.1
65°	7.6	8.8	10.4	12.2	14.5	17.4	21.7	24.4	26.1	26.9	22.1
62.5°	6.1	7.0	8.0	9.5	11.4	14.5	20.0	24.7	28.6	29.4	24.9
60°	5.2	6.0	6.6	7.5	8.5	11.1	16.3	22.3	29.1	28.4	25.4
57.5°	4.5	5.1	5.9	6.5	7.0	8.9	12.5	17.4	23.7	24.4	23.3
55°	4.7	5.0	5.5	6.3	7.1	7.9	9.3	12.3	16.8	18.2	18.5
52.5°	5.8	5.6	5.6	5.7	6.4	7.3	8.0	9.6	11.1	13.0	14.1
50°	5.9	6.1	6.1	5.9	6.5	7.1	7.8	8.3	9.1	10.0	10.8
47.5°	8.2	8.2	7.3	7.0	8.3	7.9	8.4	8.8	9.3	9.0	9.5
45°	17.6	17.2	11.9	12.4	13.4	13.4	11.0	11.7	11.3	10.6	9.4
42.5°	55.4	41.8	36.7	27.1	21.7	21.6	20.4	18.7	17.0	14.1	13.4
40°	93.1	74.4	61.3	50.1	39.0	32.0	33.7	28.7	25.7	21.8	21.7
37.5°	99.4	69.9	81.2	76.9	61.5	58.2	58.2	48.4	35.7	43.2	42.6
35°	121.9	116.3	126.4	123.2	99.4	117.0	106.4	83.2	70.1	78.0	73.2
32.5°	246.4	250.2	236.8	219.2	213.3	210.8	191.0	147.0	139.8	134.4	118.1
30°	470.6	452.7	417.1	395.3	388.6	346.2	305.3	308.4	266.4	206.3	176.3
27.5°	859.0	725.7	672.4	699.2	632.1	546.7	536.6	544.5	439.3	332.9	254.3
25°	1392.5	1198.8	1150.1	1133.6	1009.9	889.8	861.9	826.4	705.5	499.9	351.4
22.5°	2059.1	1870.8	1756.5	1689.7	1526.9	1394.7	1274.7	1143.9	1021.4	748.4	521.2
20°	2784.3	2555.2	2373.4	2235.6	2092.6	1914.8	1734.5	1509.4	1317.2	1057.8	727.1
17.5°	4164.9	3255.4	2904.6	2731.7	2593.3	2423.3	2128.0	1836.5	1610.2	1382.1	954.5
15°	6053.7	4203.3	3426.7	3156.6	2983.0	2709.7	2434.0	2123.5	1897.8	1675.2	1211.7
12.5°	10110.8	5403.0	3889.7	3390.5	3135.1	2905.6	2676.6	2395.5	2124.6	1831.9	1395.2
10°	13899.3	7301.5	4545.7	3621.8	3258.2	3036.7	2807.6	2482.3	2175.4	1914.9	1551.1
7.5°	18362.0	9570.1	5214.4	3803.3	3359.9	3086.0	2806.6	2473.5	2200.8	1971.3	1679.7
5°	21132.1	11118.3	5632.7	3930.6	3430.1	3143.1	2805.1	2427.8	2204.8	2005.6	1781.3
2.5°	22668.8	11949.0	5826.5	4014.4	3475.5	3204.4	2832.3	2405.8	2204.6	2012.4	1812.6
0°	22847.4	12120.4	5803.4	4022.8	3502.1	3258.9	2896.4	2414.6	2199.7	2007.3	1819.5
-2.5°	22430.0	11766.8	5726.0	3988.8	3487.0	3251.1	3002.3	2509.7	2253.0	2029.9	1811.4
-5°	20204.5	10527.4	5346.2	3799.6	3348.2	3139.4	2938.5	2525.4	2253.9	2027.5	1779.2
-7.5°	16527.5	8687.5	4798.8	3561.1	3171.8	2978.4	2774.8	2445.7	2161.1	1947.9	1675.8
-10°	11826.9	6372.0	4100.3	3301.7	2990.3	2808.2	2625.6	2335.6	2059.5	1859.8	1553.2
-12.5°	8604.2	4725.9	3457.2	3013.1	2804.3	2664.1	2510.7	2210.0	1950.6	1764.3	1413.9
-15°	5361.3	3825.8	3163.0	2832.9	2632.0	2528.8	2409.6	2141.9	1929.8	1693.2	1260.2
-17.5°	4113.4	3231.4	2913.2	2705.3	2552.3	2430.4	2316.1	2127.0	1921.3	1634.4	1124.4
-20°	3363.5	3053.6	2809.0	2632.6	2512.9	2408.2	2268.3	2121.2	1891.1	1478.2	992.8



REPORT NUMBER: P1306041 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3163.8	2996.5	2803.5	2622.4	2483.5	2364.0	2230.5	2081.6	1840.8	1271.7	848.6
-25°	3081.5	2996.6	2850.7	2695.0	2492.9	2316.2	2184.6	1989.0	1588.2	1067.8	715.6
-27.5°	3110.0	3041.7	2951.1	2783.6	2565.4	2305.8	2097.3	1845.7	1299.7	895.3	707.7
-30°	3218.5	3129.4	3018.8	2873.0	2619.2	2338.9	2019.3	1513.8	1068.2	754.5	701.9
-32.5°	3293.0	3155.7	3025.2	2875.3	2641.7	2329.9	1742.6	1199.4	839.7	746.7	701.7
-35°	3235.1	3070.0	2899.8	2751.1	2617.3	1965.6	1368.8	948.0	787.2	739.1	700.1
-37.5°	3060.0	2857.4	2683.1	2483.6	2000.2	1471.7	1025.3	843.0	781.7	733.2	674.9
-40°	2774.8	2574.5	2200.3	1792.5	1408.6	1019.8	898.7	840.4	784.6	710.9	637.4
-42.5°	2216.8	1876.3	1554.4	1240.7	983.4	943.7	897.4	845.1	773.4	680.7	595.0
-45°	1532.8	1284.5	1047.7	1013.4	976.2	939.2	903.1	827.0	737.1	641.8	551.5
-47.5°	1109.4	1076.9	1043.7	1009.8	974.1	929.8	860.1	783.3	685.5	594.5	515.2
-50°	1102.9	1067.6	1034.7	995.9	929.7	863.7	791.9	714.6	626.2	546.5	471.9
-52.5°	1078.1	1022.6	967.0	910.5	847.6	779.0	708.3	639.4	565.1	490.9	421.0
-55°	975.0	919.7	864.9	809.8	754.5	691.9	628.3	563.0	496.5	428.8	368.0
-57.5°	850.5	800.3	753.6	706.7	660.2	601.3	539.6	479.7	423.6	365.9	312.6
-60°	722.6	680.1	637.8	593.9	548.8	498.4	445.4	394.9	347.1	304.2	261.4
-62.5°	586.3	547.4	511.4	474.0	434.7	392.6	351.8	316.5	281.3	244.5	204.1
-65°	451.4	419.4	387.8	360.1	332.8	305.9	275.4	242.5	209.0	176.0	142.6
-67.5°	328.7	305.7	284.1	262.9	239.7	215.1	187.0	158.9	136.4	115.4	92.2
-70°	213.5	195.3	177.1	158.6	142.9	128.9	113.1	96.1	78.3	65.8	55.2
-72.5°	117.4	107.2	96.9	86.5	75.3	68.1	61.5	53.9	45.7	37.1	30.8
-75°	58.1	54.1	49.9	45.7	41.1	35.9	33.0	31.1	29.1	27.2	25.2
-77.5°	32.1	31.2	30.3	29.3	28.2	26.9	25.5	24.1	22.9	21.8	20.7
-80°	24.4	23.9	23.3	22.4	21.5	20.6	19.6	18.8	18.1	17.4	16.8
-82.5°	18.5	18.0	17.6	17.1	16.6	16.2	15.8	15.3	14.8	14.2	13.6
-85°	13.8	13.7	13.5	13.4	13.2	13.1	12.9	12.5	12.2	11.9	11.6
-87.5°	11.1	10.8	10.5	10.5	10.4	10.4	10.4	10.3	10.2	10.1	9.9
-90°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.0	7.7	7.4	7.1	7.1	7.1	7.1	7.1	6.8	6.5	6.2
87.5°	1.4	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.6
85°	1.5	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.6	2.8	2.9
82.5°	1.5	1.8	2.1	2.4	2.6	2.7	2.7	2.7	2.8	3.0	3.2
80°	2.1	2.2	2.3	2.4	2.7	3.0	3.1	3.2	3.1	3.2	3.3
77.5°	2.8	2.6	2.4	2.5	2.7	3.0	3.3	3.5	3.4	3.3	3.4
75°	3.5	3.3	3.1	2.9	2.9	3.0	3.3	3.5	3.5	3.5	3.5
72.5°	3.5	3.5	3.5	3.5	3.3	3.3	3.4	3.5	3.5	3.5	3.5
70°	5.5	3.8	3.5	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5
67.5°	9.0	6.3	4.5	3.7	3.5	3.5	3.5	3.6	3.7	3.5	3.5
65°	15.7	10.2	5.8	4.8	3.9	3.5	3.5	3.8	3.9	3.8	3.5
62.5°	20.3	15.3	10.1	6.5	4.8	4.0	3.5	3.8	4.1	4.0	3.7
60°	22.5	17.7	13.9	10.1	6.6	4.6	4.0	3.9	4.1	4.3	4.0
57.5°	20.7	19.0	16.2	12.9	9.3	6.0	4.6	4.2	4.2	4.5	4.4
55°	17.7	16.5	17.3	15.0	11.5	7.9	5.5	4.7	4.3	4.5	4.7
52.5°	13.9	14.9	16.5	16.2	13.3	9.8	7.2	5.2	4.8	4.6	4.8
50°	11.1	13.4	15.8	16.5	14.9	11.7	8.7	6.4	5.2	4.7	4.9
47.5°	10.3	12.5	14.6	16.8	16.0	13.5	10.2	7.5	5.7	5.1	4.9
45°	11.3	12.2	13.9	15.9	17.4	14.9	11.8	8.5	6.5	5.5	5.0
42.5°	13.9	14.0	14.1	15.2	17.1	16.0	13.3	9.8	7.2	6.0	5.2
40°	20.0	17.7	15.4	16.7	17.1	17.2	14.4	11.1	7.9	6.5	5.7
37.5°	27.8	24.1	19.8	20.9	18.6	17.6	15.4	12.3	8.8	7.2	6.1
35°	53.7	32.9	33.8	31.1	24.5	18.5	16.3	13.4	10.2	7.9	6.5
32.5°	87.2	63.4	62.4	48.1	32.4	19.9	17.3	14.8	11.7	8.5	7.0
30°	143.1	131.7	103.7	69.5	44.7	27.3	19.2	16.3	13.1	9.1	7.4
27.5°	231.2	213.0	160.2	107.7	65.2	36.9	22.6	18.0	14.6	9.9	8.0
25°	320.3	297.2	238.5	158.2	88.6	57.3	26.8	19.8	16.0	11.1	8.4
22.5°	409.3	379.2	325.4	216.5	124.0	83.5	37.4	23.0	17.4	12.3	8.9
20°	494.4	460.6	412.6	265.2	167.1	114.8	56.6	26.7	18.8	13.4	9.3
17.5°	593.2	522.5	450.4	316.5	209.9	146.1	78.7	30.6	20.3	14.5	9.7
15°	745.2	559.7	484.6	362.1	247.0	177.3	103.1	34.8	21.7	15.5	10.1
12.5°	883.3	594.4	518.4	402.2	278.8	208.0	129.0	39.1	23.1	16.4	10.5
10°	1012.4	626.4	551.1	436.8	306.0	237.9	155.4	43.5	24.9	17.1	10.8
7.5°	1129.4	655.9	582.1	466.1	327.1	257.5	173.2	47.8	26.7	17.7	11.1
5°	1221.6	679.1	607.7	487.0	335.3	264.9	187.3	52.0	28.6	18.2	11.4
2.5°	1252.2	694.0	628.1	503.2	341.6	269.9	198.5	55.7	30.3	18.6	11.6
0°	1258.7	706.1	644.7	514.8	346.0	272.8	206.6	59.0	31.9	18.9	11.8
-2.5°	1252.5	707.5	645.4	524.7	359.6	281.2	213.9	73.6	42.0	24.6	14.6
-5°	1223.9	706.6	642.9	529.7	370.7	287.9	218.4	87.3	51.7	30.1	17.2
-7.5°	1148.3	697.0	634.0	529.1	378.9	293.0	220.6	100.1	60.7	35.2	19.7
-10°	1050.6	680.9	617.4	517.8	384.3	299.2	221.3	111.5	68.7	39.8	21.9
-12.5°	940.2	662.7	601.0	505.2	387.8	306.4	223.3	121.3	75.7	43.7	23.8
-15°	819.6	642.2	585.7	492.1	389.5	311.9	223.2	129.3	81.7	47.5	25.3
-17.5°	695.5	619.6	572.4	479.6	389.7	315.8	221.1	135.3	86.6	51.4	27.0
-20°	671.9	610.1	560.2	468.5	388.5	318.1	217.3	139.2	90.5	54.2	28.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	666.1	613.1	550.5	462.8	387.1	318.7	211.8	140.8	93.2	56.1	29.8
-25°	660.2	616.8	540.2	456.3	385.5	309.4	208.8	140.0	94.8	56.8	30.1
-27.5°	660.7	615.9	527.0	445.4	376.8	298.6	207.2	141.1	95.3	56.3	29.5
-30°	665.0	598.5	511.6	431.1	364.8	280.8	202.4	140.8	94.6	55.4	28.2
-32.5°	660.5	578.2	491.3	415.5	345.2	262.1	192.2	138.9	92.2	53.8	27.3
-35°	631.3	550.8	466.5	396.3	322.7	247.4	181.5	135.4	88.2	50.9	26.3
-37.5°	598.9	517.8	441.9	372.7	299.7	230.9	173.1	127.1	82.3	46.8	24.7
-40°	560.8	485.0	414.9	347.2	278.7	212.6	162.5	116.7	76.1	41.4	22.4
-42.5°	521.1	453.4	386.0	321.1	256.8	198.4	149.6	104.7	67.4	37.1	19.5
-45°	484.7	419.2	354.4	293.4	233.8	181.8	134.4	91.4	57.5	33.1	17.3
-47.5°	445.4	381.6	321.2	263.6	212.3	162.8	117.2	78.9	46.6	28.2	16.7
-50°	401.4	342.4	286.6	235.2	187.6	141.4	99.1	65.1	39.9	22.4	15.8
-52.5°	357.9	302.6	252.6	206.1	160.7	117.9	82.0	50.8	32.6	19.7	14.9
-55°	312.0	263.6	218.7	174.0	131.6	95.8	63.5	41.7	24.7	18.3	13.8
-57.5°	267.2	224.4	180.8	139.2	103.7	72.8	49.2	31.9	21.4	16.7	13.5
-60°	219.9	178.9	139.7	106.3	76.2	53.5	37.3	24.2	19.3	15.2	13.0
-62.5°	165.9	131.6	102.4	73.9	54.0	38.9	26.4	21.6	17.1	14.6	12.5
-65°	115.9	89.9	65.8	51.1	37.0	26.8	23.1	18.8	16.0	13.8	11.9
-67.5°	69.5	56.9	44.3	31.6	26.4	23.0	19.7	17.2	15.0	13.1	11.3
-70°	44.3	33.4	28.1	25.2	22.3	19.5	17.8	15.9	14.0	12.3	10.7
-72.5°	28.4	25.9	23.4	20.9	19.2	17.6	16.2	14.7	13.0	11.4	10.0
-75°	23.0	21.3	19.8	18.3	17.0	15.7	14.6	13.4	11.9	10.5	9.4
-77.5°	19.3	18.1	16.9	15.9	15.0	14.0	13.1	12.0	10.8	9.8	8.7
-80°	16.0	15.3	14.6	14.0	13.1	12.3	11.6	11.0	10.0	9.0	8.1
-82.5°	13.1	12.8	12.4	12.0	11.4	10.9	10.4	10.0	9.1	8.3	7.5
-85°	11.2	10.8	10.4	9.9	9.6	9.4	9.2	9.0	8.3	7.7	7.1
-87.5°	9.6	9.2	8.8	8.4	8.3	8.2	8.2	8.1	7.6	7.1	6.6
-90°	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.9	5.6	5.3	5.0	4.7	4.1	3.5
87.5°	2.7	2.9	3.0	3.3	3.5	3.5	3.5
85°	3.0	3.0	3.1	3.3	3.5	3.6	3.5
82.5°	3.3	3.2	3.2	3.3	3.5	3.6	3.5
80°	3.5	3.4	3.3	3.4	3.5	3.6	3.5
77.5°	3.5	3.5	3.4	3.4	3.5	3.6	3.5
75°	3.5	3.6	3.5	3.4	3.5	3.7	3.5
72.5°	3.6	3.7	3.6	3.5	3.5	3.7	3.5
70°	3.6	3.8	3.7	3.5	3.5	3.7	3.5
67.5°	3.6	3.9	3.9	3.6	3.6	3.7	3.5
65°	3.7	3.9	4.0	3.8	3.6	3.8	3.5
62.5°	3.7	4.0	4.1	3.9	3.6	3.8	3.5
60°	3.7	4.0	4.3	4.0	3.7	3.8	3.5
57.5°	4.0	4.0	4.3	4.1	3.8	3.9	3.5
55°	4.3	4.1	4.3	4.3	3.9	3.9	3.5
52.5°	4.6	4.1	4.3	4.4	4.0	3.9	3.5
50°	4.9	4.4	4.4	4.5	4.0	4.0	3.5
47.5°	5.2	4.6	4.4	4.6	4.1	4.0	3.5
45°	5.2	4.9	4.4	4.7	4.2	4.0	3.5
42.5°	5.3	5.1	4.5	4.7	4.3	4.1	3.5
40°	5.3	5.3	4.6	4.7	4.3	4.1	3.5
37.5°	5.4	5.5	4.8	4.7	4.4	4.2	3.5
35°	5.5	5.6	4.9	4.8	4.5	4.2	3.5
32.5°	5.6	5.7	5.1	4.8	4.5	4.2	3.5
30°	6.0	5.7	5.2	4.9	4.5	4.3	3.5
27.5°	6.3	5.8	5.4	4.9	4.6	4.3	3.5
25°	6.7	5.9	5.5	5.0	4.6	4.4	3.5
22.5°	7.0	5.9	5.6	5.1	4.6	4.4	3.5
20°	7.4	6.0	5.7	5.2	4.7	4.4	3.5
17.5°	7.7	6.1	5.8	5.3	4.7	4.5	3.5
15°	8.0	6.2	5.8	5.4	4.7	4.5	3.5
12.5°	8.3	6.4	5.8	5.5	4.7	4.5	3.5
10°	8.6	6.5	5.9	5.5	4.7	4.6	3.5
7.5°	8.8	6.7	5.9	5.6	4.7	4.6	3.5
5°	9.1	6.8	5.9	5.7	4.7	4.6	3.5
2.5°	9.2	7.0	5.9	5.8	4.7	4.7	3.5
0°	9.4	7.1	5.9	5.9	4.7	4.7	3.5
-2.5°	10.3	7.5	6.1	6.0	4.8	4.7	3.5
-5°	11.2	7.8	6.3	6.0	4.8	4.7	3.5
-7.5°	12.0	8.2	6.5	6.1	4.9	4.8	3.5
-10°	12.8	8.5	6.7	6.2	4.9	4.8	3.5
-12.5°	13.4	8.8	6.9	6.2	5.0	4.8	3.5
-15°	14.0	9.1	7.1	6.2	5.0	4.8	3.5
-17.5°	14.3	9.3	7.2	6.3	5.1	4.8	3.5
-20°	14.8	9.5	7.4	6.3	5.1	4.8	3.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.4	9.6	7.5	6.3	5.2	4.8	3.5
-25°	15.6	9.8	7.6	6.3	5.2	4.8	3.5
-27.5°	15.5	9.9	7.6	6.3	5.3	4.8	3.5
-30°	15.0	10.0	7.7	6.3	5.3	4.8	3.5
-32.5°	14.1	10.0	7.8	6.3	5.3	4.8	3.5
-35°	13.8	9.9	7.8	6.3	5.4	4.8	3.5
-37.5°	13.7	9.8	7.9	6.3	5.4	4.8	3.5
-40°	13.4	9.8	7.9	6.2	5.5	4.8	3.5
-42.5°	13.1	9.8	7.9	6.2	5.5	4.8	3.5
-45°	12.6	9.8	7.8	6.2	5.5	4.8	3.5
-47.5°	12.1	9.7	7.8	6.1	5.6	4.8	3.5
-50°	11.9	9.6	7.7	6.2	5.6	4.7	3.5
-52.5°	11.7	9.5	7.6	6.2	5.7	4.7	3.5
-55°	11.4	9.3	7.5	6.2	5.7	4.7	3.5
-57.5°	11.2	9.1	7.3	6.2	5.7	4.7	3.5
-60°	10.8	8.9	7.2	6.3	5.7	4.6	3.5
-62.5°	10.5	8.6	7.1	6.2	5.7	4.6	3.5
-65°	10.1	8.3	7.0	6.2	5.6	4.6	3.5
-67.5°	9.6	8.1	6.9	6.2	5.5	4.5	3.5
-70°	9.2	7.8	6.8	6.2	5.4	4.5	3.5
-72.5°	8.7	7.5	6.7	6.0	5.4	4.4	3.5
-75°	8.2	7.2	6.5	5.9	5.3	4.4	3.5
-77.5°	7.7	6.9	6.3	5.8	5.2	4.3	3.5
-80°	7.1	6.6	6.1	5.6	5.1	4.3	3.5
-82.5°	6.8	6.4	5.9	5.5	5.0	4.3	3.5
-85°	6.5	6.1	5.7	5.3	4.9	4.2	3.5
-87.5°	6.2	5.9	5.5	5.2	4.8	4.2	3.5
-90°	2.4	2.7	3.0	3.2	3.5	3.5	3.5

(END OF REPORT)