

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: P1306065 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

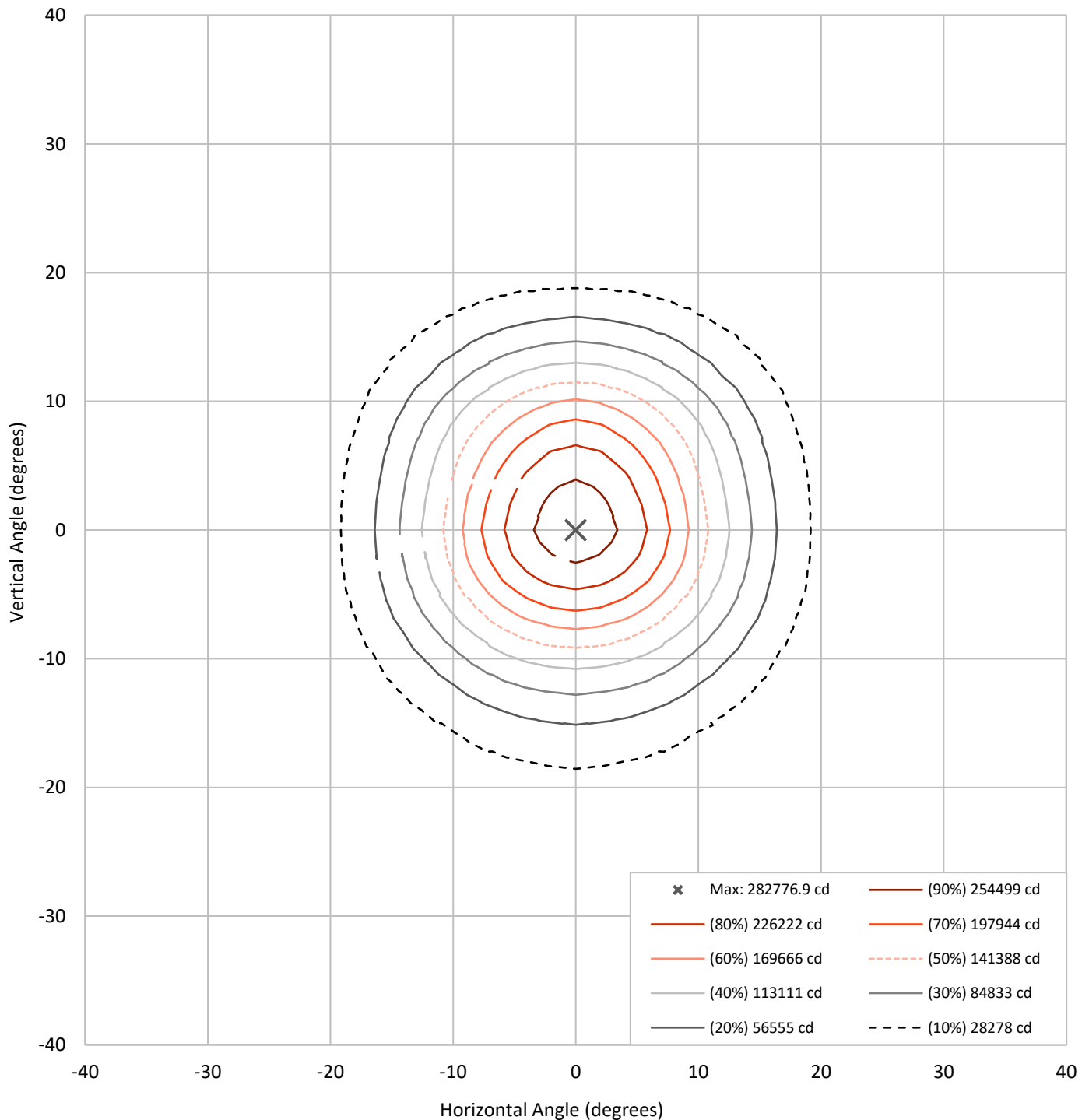
Test Method: LM-79-08
Report Number: P1306065 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 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:	45725.3 lumens	Max Intensity:	282776.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.5 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:	21232.8 lumens	Field Lumens:	38655.1 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





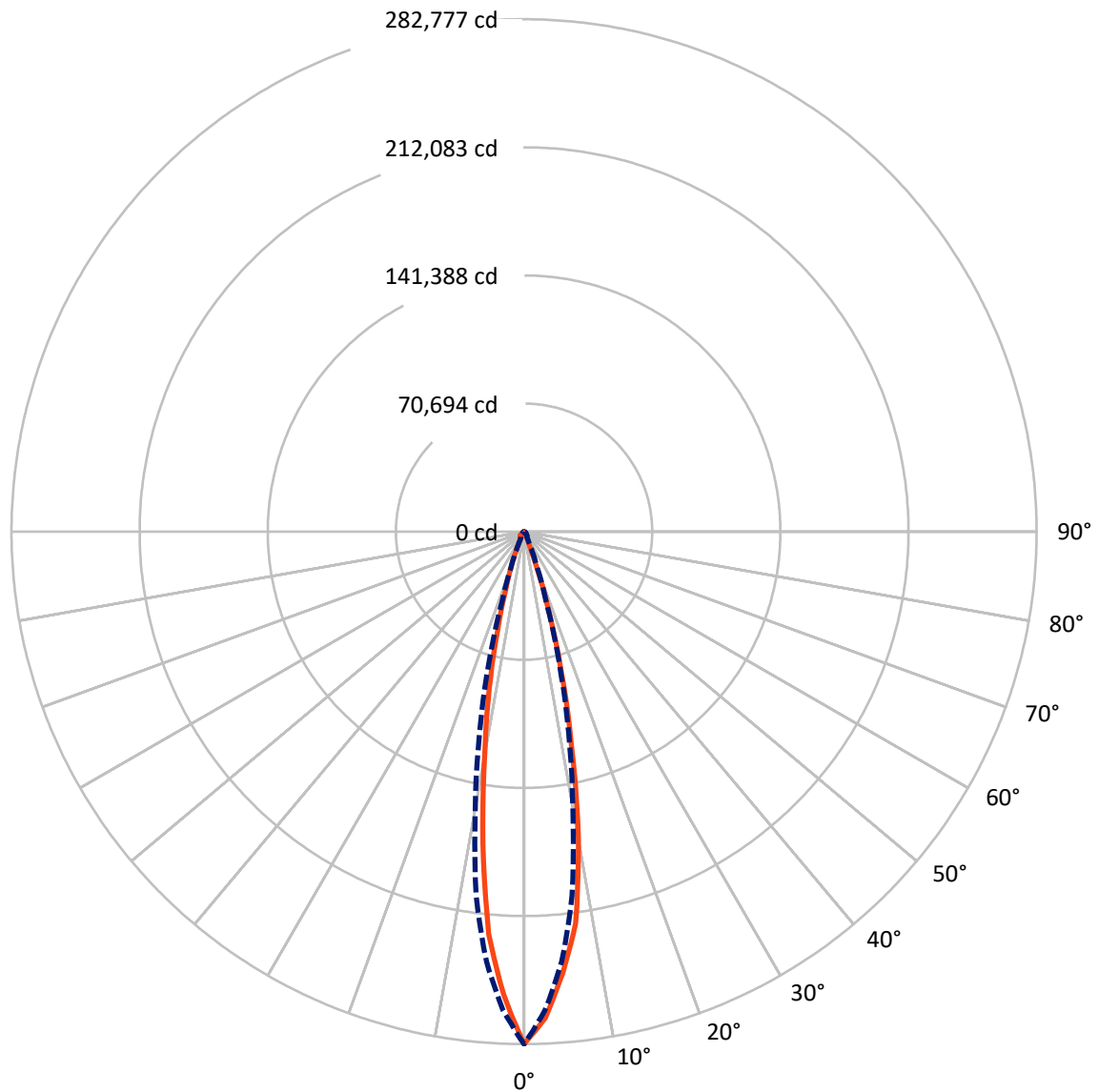
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Lumen Table

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	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	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	1.6	3.0	4.4	6.1	7.3	7.3	6.1	4.4	3.0	1.6	0.6	0.2				
30	0.2	0.3	2.9	9.2	21.9	33.2	57.5	108.9	108.9	57.5	33.2	21.9	9.2	2.9	0.3	0.2			
20		0.8	6.1	24.4	56.0	104.7	684.1	2119.9	2119.9	684.1	104.7	56.0	24.4	6.1	0.8				
10	0.2	1.3	8.0	32.8	66.5	209.8	2010.7	6026.1	6026.1	2010.7	209.8	66.5	32.8	8.0	1.3	0.2			
0		1.7	8.5	32.9	66.4	200.0	1891.1	5480.7	5480.7	1891.1	200.0	66.4	32.9	8.5	1.7				
-10	0.4	2.0	8.2	26.3	56.1	97.3	556.3	1610.8	1610.8	556.3	97.3	56.1	26.3	8.2	2.0	0.4			
-20		2.0	7.7	18.7	50.3	75.1	114.1	220.5	220.5	114.1	75.1	50.3	18.7	7.7	2.0				
-30	0.3	1.7	6.6	14.1	35.1	72.9	94.7	105.9	105.9	94.7	72.9	35.1	14.1	6.6	1.7	0.3			
-40		1.2	4.9	11.5	20.7	35.1	60.1	80.1	80.1	60.1	35.1	20.7	11.5	4.9	1.2				
-50	0.2	0.6	3.0	7.6	14.8	22.4	29.1	33.0	33.0	29.1	22.4	14.8	7.6	3.0	0.6	0.2			
-60		0.3	1.0	3.1	6.5	10.4	14.3	16.6	16.6	14.3	10.4	6.5	3.1	1.0	0.3				
-70	0.1	0.7	2.2	5.1	6.9	5.1	2.2	0.7	0.1	0.7	2.2	5.1	6.9	5.1	2.2	0.1			
-80		0.1	0.7	2.2	5.1	6.9	5.1	2.2	0.7	0.1	0.7	2.2	5.1	6.9	5.1				
-90	0.1	0.7	2.2	5.1	6.9	5.1	2.2	0.7	0.1	0.7	2.2	5.1	6.9	5.1	2.2	0.7	0.1	0.7	0.1

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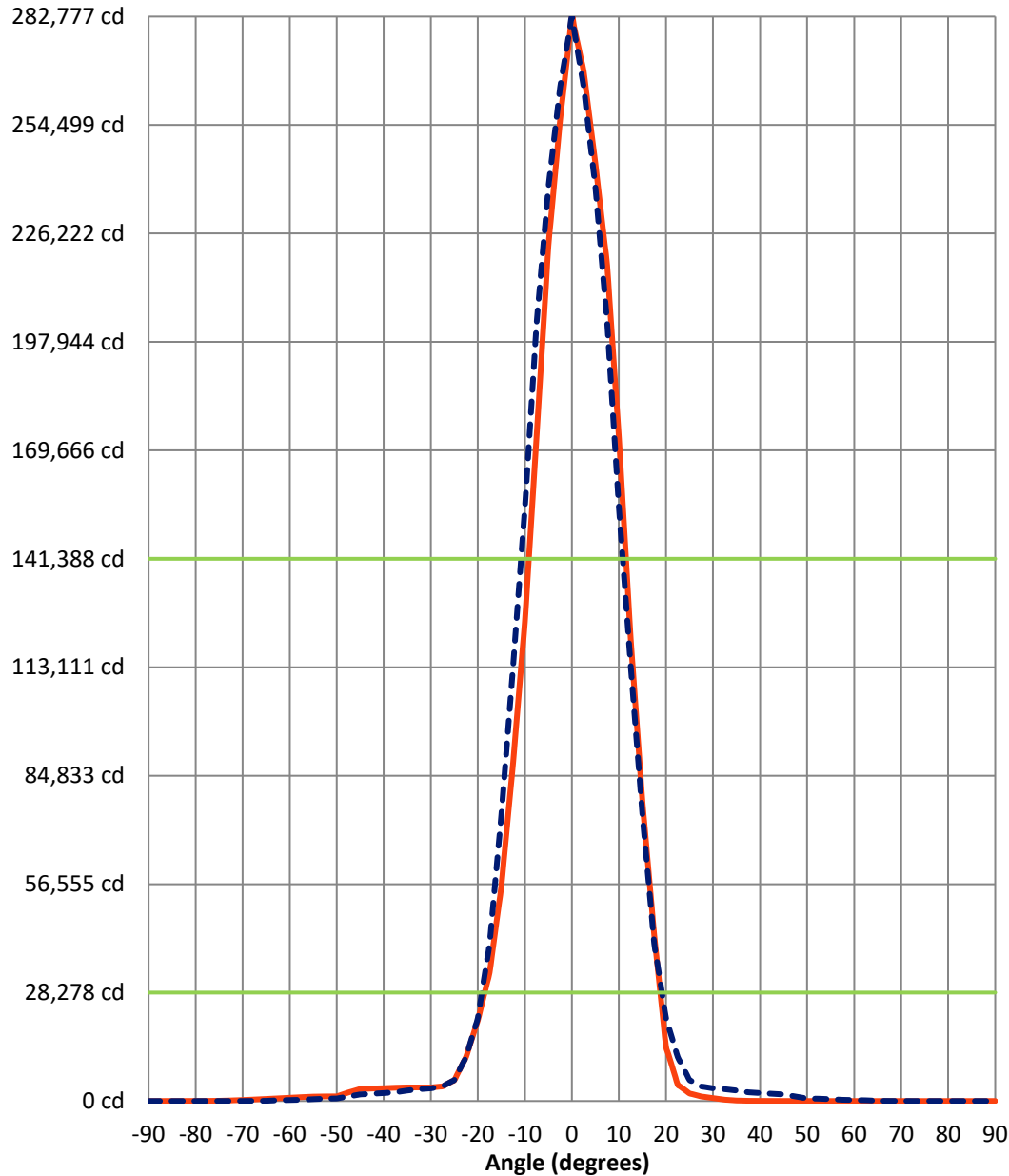
Luminous Intensity Polar Plot



— 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: 21232.8
 Efficiency: 46.4%

Field:
 H Angle: 38.3°
 V Angle: 37.3°
 Lumens: 38655.1
 Efficiency: 84.5%

Spill:
 Lumens: 7070.2
 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°	3.4	4.0	4.5	4.8	5.1	5.3	5.6	5.9	6.2	6.4	6.7
87.5°	3.4	3.4	3.4	3.1	2.9	2.7	2.5	2.5	2.4	2.3	2.2
85°	3.4	3.4	3.4	3.2	3.0	2.9	2.8	2.7	2.6	2.4	2.2
82.5°	3.4	3.5	3.4	3.2	3.1	3.1	3.1	3.0	2.8	2.6	2.5
80°	3.4	3.5	3.4	3.3	3.2	3.3	3.4	3.2	3.0	3.0	3.0
77.5°	3.4	3.5	3.4	3.3	3.3	3.4	3.4	3.3	3.2	3.3	3.4
75°	3.4	3.5	3.4	3.3	3.4	3.5	3.4	3.4	3.4	3.4	3.4
72.5°	3.4	3.6	3.4	3.4	3.5	3.6	3.5	3.4	3.4	3.4	3.4
70°	3.4	3.6	3.4	3.4	3.6	3.6	3.5	3.4	3.4	3.4	3.4
67.5°	3.4	3.6	3.5	3.5	3.7	3.7	3.5	3.4	3.4	3.6	3.5
65°	3.4	3.7	3.5	3.6	3.8	3.8	3.5	3.4	3.6	3.8	3.6
62.5°	3.4	3.7	3.5	3.8	4.0	3.8	3.6	3.6	3.9	3.9	3.7
60°	3.4	3.7	3.5	3.9	4.1	3.9	3.6	3.9	4.2	4.0	3.7
57.5°	3.4	3.7	3.6	4.0	4.1	3.9	3.9	4.2	4.3	4.0	4.1
55°	3.4	3.8	3.7	4.1	4.1	3.9	4.1	4.5	4.3	4.2	4.5
52.5°	3.4	3.8	3.8	4.2	4.2	4.0	4.4	4.6	4.4	4.6	5.0
50°	3.4	3.8	3.9	4.3	4.2	4.2	4.7	4.7	4.5	5.0	6.1
47.5°	3.4	3.9	4.0	4.4	4.2	4.4	4.9	4.7	4.9	5.4	7.1
45°	3.4	3.9	4.0	4.5	4.3	4.6	5.0	4.8	5.3	6.2	8.1
42.5°	3.4	3.9	4.1	4.5	4.3	4.9	5.0	5.0	5.7	6.8	9.3
40°	3.4	4.0	4.2	4.5	4.4	5.1	5.1	5.4	6.2	7.4	10.5
37.5°	3.4	4.0	4.2	4.5	4.6	5.3	5.1	5.8	6.8	8.3	11.7
35°	3.4	4.0	4.3	4.6	4.7	5.4	5.2	6.2	7.4	9.7	12.7
32.5°	3.4	4.1	4.3	4.6	4.9	5.4	5.3	6.6	8.0	11.0	14.0
30°	3.4	4.1	4.4	4.7	5.0	5.5	5.7	7.0	8.6	12.4	15.5
27.5°	3.4	4.2	4.4	4.7	5.1	5.5	6.0	7.5	9.4	13.8	17.1
25°	3.4	4.2	4.4	4.8	5.2	5.6	6.3	8.0	10.5	15.2	18.8
22.5°	3.4	4.2	4.4	4.9	5.3	5.6	6.6	8.4	11.7	16.5	21.9
20°	3.4	4.3	4.5	4.9	5.4	5.7	6.9	8.8	12.7	17.9	25.3
17.5°	3.4	4.3	4.5	5.0	5.5	5.8	7.3	9.2	13.8	19.2	29.1
15°	3.4	4.3	4.5	5.1	5.5	5.9	7.6	9.6	14.8	20.6	33.0
12.5°	3.4	4.4	4.5	5.2	5.6	6.0	7.9	10.0	15.6	21.9	37.1
10°	3.4	4.4	4.5	5.3	5.6	6.2	8.2	10.3	16.3	23.6	41.3
7.5°	3.4	4.4	4.5	5.4	5.6	6.3	8.4	10.5	16.8	25.3	45.4
5°	3.4	4.4	4.5	5.4	5.6	6.4	8.6	10.8	17.3	27.1	49.3
2.5°	3.4	4.5	4.5	5.5	5.6	6.6	8.8	11.0	17.6	28.7	52.9
0°	3.4	4.5	4.5	5.6	5.6	6.7	9.0	11.2	17.9	30.2	56.0
-2.5°	3.4	4.5	4.5	5.7	5.8	7.1	9.9	13.8	23.3	39.8	69.8
-5°	3.4	4.5	4.6	5.7	6.0	7.4	10.7	16.3	28.5	49.0	82.8
-7.5°	3.4	4.6	4.6	5.8	6.2	7.8	11.5	18.7	33.3	57.5	94.9
-10°	3.4	4.6	4.7	5.8	6.3	8.1	12.2	20.8	37.7	65.2	105.7
-12.5°	3.4	4.6	4.7	5.9	6.5	8.4	12.8	22.6	41.4	71.8	115.0
-15°	3.4	4.6	4.8	5.9	6.7	8.6	13.3	24.0	45.0	77.4	122.6
-17.5°	3.4	4.6	4.8	5.9	6.8	8.8	13.7	25.7	48.7	82.1	128.3
-20°	3.4	4.6	4.9	6.0	6.9	9.0	14.1	27.3	51.4	85.8	132.0



REPORT NUMBER: P1306065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.4	4.6	4.9	6.0	7.0	9.1	14.6	28.3	53.1	88.4	133.5
-25°	3.4	4.6	5.0	6.0	7.1	9.3	14.8	28.5	53.8	89.9	132.8
-27.5°	3.4	4.6	5.0	6.0	7.2	9.4	14.7	28.0	53.4	90.3	133.8
-30°	3.4	4.6	5.1	6.0	7.2	9.4	14.3	26.7	52.6	89.7	133.5
-32.5°	3.4	4.6	5.1	6.0	7.3	9.4	13.4	25.9	51.0	87.5	131.7
-35°	3.4	4.6	5.1	6.0	7.4	9.3	13.1	24.9	48.3	83.6	128.4
-37.5°	3.4	4.6	5.2	5.9	7.4	9.2	12.9	23.4	44.4	78.1	120.5
-40°	3.4	4.6	5.2	5.9	7.4	9.3	12.7	21.2	39.2	72.2	110.7
-42.5°	3.4	4.6	5.2	5.9	7.4	9.3	12.4	18.5	35.1	64.0	99.3
-45°	3.4	4.6	5.3	5.8	7.4	9.3	11.9	16.4	31.3	54.5	86.7
-47.5°	3.4	4.5	5.3	5.8	7.4	9.2	11.4	15.7	26.7	44.1	74.8
-50°	3.4	4.5	5.3	5.8	7.3	9.1	11.2	15.0	21.2	37.8	61.7
-52.5°	3.4	4.5	5.4	5.9	7.2	9.0	11.0	14.0	18.6	30.8	48.2
-55°	3.4	4.5	5.4	5.9	7.1	8.8	10.8	13.1	17.3	23.4	39.5
-57.5°	3.4	4.5	5.4	5.9	7.0	8.7	10.6	12.7	15.8	20.2	30.3
-60°	3.4	4.4	5.5	5.9	6.8	8.4	10.3	12.3	14.4	18.3	22.9
-62.5°	3.4	4.4	5.4	5.9	6.8	8.2	10.0	11.8	13.8	16.2	20.4
-65°	3.4	4.4	5.3	5.9	6.7	7.9	9.6	11.3	13.1	15.1	17.8
-67.5°	3.4	4.3	5.3	5.9	6.6	7.7	9.2	10.8	12.4	14.3	16.3
-70°	3.4	4.3	5.2	5.8	6.5	7.4	8.8	10.2	11.7	13.4	15.2
-72.5°	3.4	4.3	5.1	5.7	6.3	7.1	8.3	9.6	10.9	12.4	14.0
-75°	3.4	4.2	5.0	5.6	6.1	6.8	7.8	8.9	10.0	11.3	12.7
-77.5°	3.4	4.2	4.9	5.5	6.0	6.5	7.3	8.3	9.3	10.3	11.4
-80°	3.4	4.1	4.9	5.3	5.8	6.3	6.7	7.7	8.6	9.5	10.4
-82.5°	3.4	4.1	4.8	5.2	5.6	6.0	6.4	7.1	7.9	8.7	9.5
-85°	3.4	4.0	4.7	5.1	5.4	5.8	6.2	6.7	7.3	7.9	8.6
-87.5°	3.4	4.0	4.6	4.9	5.2	5.6	5.9	6.3	6.7	7.2	7.7
-90°	3.4	3.4	3.4	3.1	2.8	2.5	2.2	2.2	2.2	2.2	2.2



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 CATALOG NUMBER: EPH-08-320N-50-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.7	6.7	6.7	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.7
87.5°	2.1	1.9	1.8	1.7	1.6	1.5	1.3	1.1	1.1	1.1	1.1
85°	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1	1.1
82.5°	2.6	2.5	2.4	2.2	2.0	1.7	1.4	1.3	1.3	1.3	1.2
80°	3.0	2.8	2.5	2.2	2.1	2.0	2.0	2.0	1.9	1.8	1.6
77.5°	3.2	2.9	2.6	2.3	2.2	2.4	2.6	2.8	2.8	2.7	2.5
75°	3.2	2.9	2.8	2.8	3.0	3.2	3.4	3.4	3.3	3.2	3.2
72.5°	3.3	3.2	3.2	3.4	3.4	3.4	3.4	3.4	4.3	5.5	6.4
70°	3.4	3.4	3.4	3.4	3.4	3.7	5.3	7.5	9.8	11.0	12.1
67.5°	3.4	3.4	3.4	3.5	4.3	6.0	8.5	13.3	18.5	19.7	19.6
65°	3.4	3.4	3.8	4.6	5.5	9.6	14.9	20.9	25.4	24.7	23.1
62.5°	3.4	3.9	4.6	6.2	9.5	14.4	19.2	23.6	27.9	27.1	23.4
60°	3.9	4.4	6.3	9.6	13.2	16.8	21.3	24.1	26.9	27.6	21.1
57.5°	4.4	5.7	8.8	12.2	15.3	18.0	19.7	22.2	23.1	22.5	16.5
55°	5.3	7.6	10.9	14.2	16.4	15.7	16.8	17.6	17.3	15.9	11.7
52.5°	6.9	9.3	12.6	15.3	15.7	14.2	13.2	13.4	12.4	10.5	9.1
50°	8.3	11.1	14.1	15.7	15.0	12.7	10.6	10.3	9.6	8.6	7.8
47.5°	9.7	12.7	15.2	16.0	13.9	11.9	9.8	9.1	8.6	8.8	8.3
45°	11.2	14.1	16.5	15.2	13.3	11.7	10.8	9.0	10.1	10.7	11.2
42.5°	12.6	15.2	16.3	14.5	13.4	13.4	13.2	12.8	13.3	16.1	17.7
40°	13.7	16.3	16.2	15.9	14.7	16.9	18.9	20.6	20.7	24.3	27.2
37.5°	14.6	16.7	17.7	19.9	18.9	22.9	26.4	40.4	40.9	33.8	45.9
35°	15.5	17.6	23.2	29.6	32.1	31.2	51.0	69.4	73.9	66.5	78.9
32.5°	16.5	18.9	30.8	45.6	59.2	60.1	82.7	112.0	127.4	132.6	139.5
30°	18.2	25.9	42.4	65.9	98.4	124.9	135.7	167.2	195.7	252.6	292.5
27.5°	21.4	35.0	61.8	102.1	152.0	202.0	219.2	241.2	315.7	416.6	516.4
25°	25.4	54.3	84.0	150.1	226.2	281.8	303.7	333.3	474.1	669.1	783.7
22.5°	35.5	79.2	117.6	205.4	308.6	359.6	388.2	494.3	709.7	968.7	1084.9
20°	53.7	108.8	158.4	251.5	391.3	436.8	468.8	689.6	1003.1	1249.2	1431.4
17.5°	74.7	138.5	199.0	300.2	427.2	495.5	562.5	905.1	1310.7	1527.0	1741.6
15°	97.8	168.1	234.2	343.5	459.6	530.7	706.6	1149.1	1588.7	1799.7	2013.8
12.5°	122.3	197.2	264.4	381.5	491.6	563.6	837.6	1323.1	1737.2	2014.8	2271.7
10°	147.4	225.6	290.2	414.3	522.6	594.0	960.1	1470.9	1815.9	2062.9	2354.0
7.5°	164.3	244.1	310.2	442.1	552.0	621.9	1071.0	1592.8	1869.4	2087.0	2345.6
5°	177.6	251.1	317.9	461.9	576.3	644.0	1158.5	1689.2	1901.9	2090.8	2302.3
2.5°	188.2	255.9	323.9	477.2	595.6	658.1	1187.4	1718.9	1908.3	2090.6	2281.5
0°	195.9	258.7	328.1	488.2	611.4	669.6	1193.6	1725.5	1903.5	2086.0	2289.8
-2.5°	202.8	266.6	341.0	497.6	612.1	670.9	1187.7	1717.8	1925.0	2136.6	2379.9
-5°	207.1	273.0	351.5	502.3	609.7	670.1	1160.7	1687.2	1922.7	2137.4	2394.8
-7.5°	209.1	277.9	359.3	501.7	601.3	661.0	1088.9	1589.2	1847.2	2049.4	2319.2
-10°	209.8	283.8	364.4	491.1	585.5	645.7	996.3	1472.9	1763.6	1953.0	2214.8
-12.5°	211.7	290.6	367.7	479.1	569.9	628.4	891.6	1340.8	1673.1	1849.7	2095.7
-15°	211.6	295.8	369.4	466.7	555.4	609.0	777.2	1195.0	1605.7	1830.0	2031.1
-17.5°	209.7	299.5	369.5	454.8	542.8	587.5	659.5	1066.2	1550.0	1822.0	2017.1
-20°	206.0	301.6	368.4	444.3	531.2	578.5	637.1	941.5	1401.8	1793.3	2011.5



REPORT NUMBER: P1306065 (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°	200.8	302.2	367.1	439.0	522.0	581.4	631.7	804.7	1206.0	1745.7	1974.0
-25°	198.0	293.4	365.6	432.7	512.3	584.9	626.0	678.6	1012.6	1506.1	1886.1
-27.5°	196.5	283.1	357.3	422.4	499.8	584.0	626.5	671.0	849.0	1232.5	1750.3
-30°	191.9	266.2	346.0	408.8	485.2	567.6	630.6	665.5	715.5	1013.0	1435.5
-32.5°	182.3	248.5	327.4	394.1	466.0	548.4	626.4	665.4	708.0	796.3	1137.3
-35°	172.2	234.6	306.0	375.8	442.4	522.4	598.6	663.9	700.8	746.5	899.0
-37.5°	164.1	219.0	284.2	353.4	419.1	491.0	567.9	640.0	695.2	741.3	799.4
-40°	154.1	201.6	264.3	329.2	393.4	459.9	531.8	604.5	674.1	744.0	796.9
-42.5°	141.9	188.2	243.5	304.5	366.0	429.9	494.2	564.2	645.5	733.4	801.4
-45°	127.4	172.5	221.8	278.3	336.1	397.5	459.6	522.9	608.6	699.0	784.2
-47.5°	111.2	154.4	201.4	250.0	304.6	361.8	422.3	488.5	563.7	650.1	742.9
-50°	94.0	134.1	177.9	223.1	271.8	324.7	380.6	447.5	518.2	593.8	677.6
-52.5°	77.8	111.8	152.4	195.5	239.6	287.0	339.4	399.2	465.6	535.9	606.4
-55°	60.2	90.8	124.7	165.0	207.4	250.0	295.9	349.0	406.6	470.8	533.9
-57.5°	46.7	69.1	98.3	132.0	171.4	212.7	253.3	296.5	347.0	401.7	454.9
-60°	35.4	50.7	72.3	100.8	132.5	169.6	208.5	247.8	288.5	329.1	374.5
-62.5°	25.1	36.9	51.2	70.0	97.1	124.8	157.3	193.5	231.8	266.7	300.1
-65°	21.9	25.4	35.1	48.4	62.3	85.3	109.9	135.2	166.8	198.1	230.0
-67.5°	18.6	21.9	25.0	30.0	42.0	54.0	65.9	87.4	109.4	129.4	150.7
-70°	16.9	18.5	21.1	23.9	26.7	31.6	42.0	52.4	62.4	74.3	91.1
-72.5°	15.4	16.7	18.2	19.8	22.2	24.6	26.9	29.2	35.2	43.4	51.1
-75°	13.9	15.0	16.1	17.4	18.8	20.2	21.9	23.9	25.8	27.6	29.5
-77.5°	12.4	13.3	14.2	15.1	16.0	17.2	18.4	19.6	20.7	21.8	22.9
-80°	11.0	11.7	12.5	13.2	13.9	14.5	15.2	16.0	16.6	17.2	17.9
-82.5°	9.9	10.4	10.8	11.3	11.8	12.1	12.4	12.8	13.4	14.0	14.5
-85°	8.8	9.0	9.2	9.5	9.9	10.3	10.7	11.0	11.3	11.6	11.9
-87.5°	7.8	7.8	7.9	8.0	8.4	8.7	9.1	9.4	9.6	9.7	9.8
-90°	1.9	1.7	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.0	9.0	9.0	9.0	9.0	9.3	9.6	9.8	10.1	10.1	10.1
87.5°	1.1	1.1	1.0	1.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	2.4	2.2	1.9	1.6	1.2	1.1	1.1	1.1	1.1	1.1	1.1
75°	3.3	3.2	3.1	2.8	2.3	2.2	2.2	2.2	2.0	2.0	2.1
72.5°	6.8	6.7	6.3	5.9	5.1	4.6	4.5	4.3	4.1	3.9	3.8
70°	12.4	12.0	11.3	10.0	8.3	7.2	6.6	5.8	4.9	4.5	4.4
67.5°	17.9	16.0	14.5	12.7	10.5	8.6	7.6	6.6	5.7	5.2	5.0
65°	20.6	16.4	13.7	11.6	10.0	8.4	7.2	6.2	5.3	4.7	4.6
62.5°	18.9	13.7	10.8	9.1	7.6	6.6	5.8	5.0	4.2	3.8	3.9
60°	15.5	10.6	8.1	7.1	6.3	5.7	4.9	4.3	3.7	3.5	3.8
57.5°	11.8	8.4	6.6	6.2	5.6	4.8	4.3	4.2	4.1	4.1	4.3
55°	8.8	7.4	6.7	5.9	5.3	4.7	4.5	4.7	4.7	4.5	4.5
52.5°	7.5	6.9	6.1	5.4	5.3	5.3	5.5	5.3	5.2	5.2	5.3
50°	7.3	6.7	6.2	5.6	5.8	5.8	5.6	5.8	6.2	6.3	6.4
47.5°	7.9	7.5	7.9	6.6	6.9	7.7	7.8	7.9	8.9	9.4	9.5
45°	10.4	12.7	12.7	11.7	11.3	16.3	16.7	14.0	22.8	21.9	15.4
42.5°	19.3	20.5	20.5	25.7	34.7	39.6	52.6	73.1	68.5	53.2	32.2
40°	31.9	30.4	37.0	47.5	58.1	70.6	88.2	123.3	117.4	93.9	103.2
37.5°	55.1	55.1	58.3	73.0	77.0	66.3	94.2	91.1	72.6	102.0	108.0
35°	100.9	111.0	94.2	116.8	119.8	110.2	115.6	127.8	110.5	132.3	141.6
32.5°	181.1	199.9	202.3	207.9	224.5	237.3	233.7	263.5	265.0	293.2	331.7
30°	289.5	328.4	368.6	374.8	395.6	429.3	446.3	506.3	570.0	611.6	688.2
27.5°	508.9	518.5	599.3	663.1	637.7	688.2	814.7	887.9	1009.5	1082.0	1159.1
25°	817.4	843.7	957.7	1075.1	1090.7	1136.8	1320.5	1425.4	1550.7	1623.9	1782.8
22.5°	1208.8	1322.6	1448.0	1602.4	1665.7	1774.1	1952.7	2106.4	2367.6	2690.7	3386.9
20°	1644.8	1815.8	1984.5	2120.1	2250.7	2423.1	2640.4	3382.3	4261.5	6910.4	8738.1
17.5°	2017.9	2298.1	2459.2	2590.5	2754.4	3087.1	3949.5	6136.0	10352.4	16249.9	21648.2
15°	2308.2	2569.7	2828.8	2993.4	3249.5	3986.0	5740.7	11103.0	19839.9	29795.4	41842.4
12.5°	2538.2	2755.4	2973.0	3215.2	3688.5	5123.7	9588.1	17869.2	30574.2	46666.6	68023.8
10°	2662.5	2879.7	3089.8	3434.5	4310.7	6924.0	13180.7	24101.5	44042.0	69174.7	96393.0
7.5°	2661.5	2926.4	3186.2	3606.7	4944.8	9075.3	17412.7	32190.7	55776.8	87286.1	122327.2
5°	2660.1	2980.7	3252.8	3727.4	5341.5	10543.4	20039.5	36670.5	65332.0	100890.2	138410.7
2.5°	2685.9	3038.7	3295.8	3806.8	5525.3	11331.2	21496.7	40208.9	72012.2	108633.5	148727.1
0°	2746.6	3090.4	3321.0	3814.8	5503.3	11493.7	21666.2	41065.0	74583.2	113490.0	154632.8
-2.5°	2847.1	3083.0	3306.7	3782.6	5430.0	11158.5	21270.3	40318.2	71604.2	108085.8	147904.5
-5°	2786.6	2977.1	3175.1	3603.2	5069.8	9983.2	19159.9	36078.2	62799.9	95560.6	129670.8
-7.5°	2631.4	2824.4	3007.8	3377.0	4550.7	8238.4	15673.0	28982.5	49853.9	75367.8	102159.1
-10°	2489.9	2663.0	2835.6	3131.0	3888.3	6042.6	11215.4	20511.4	36399.1	55632.0	76106.1
-12.5°	2380.9	2526.3	2659.3	2857.2	3278.4	4481.6	8159.3	15058.8	24442.7	36687.4	51671.4
-15°	2285.0	2398.1	2495.9	2686.4	2999.4	3628.0	5084.1	9025.7	14872.8	22588.3	30770.1
-17.5°	2196.4	2304.8	2420.3	2565.4	2762.5	3064.3	3900.8	5558.7	8932.0	13972.0	18797.3
-20°	2151.0	2283.7	2383.0	2496.5	2663.8	2895.7	3189.7	4012.1	5402.4	8499.8	11637.3



REPORT NUMBER: P1306065 (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°	2115.2	2241.8	2355.1	2486.8	2658.6	2841.6	3000.3	3251.5	3907.4	4880.2	6499.9
-25°	2071.6	2196.4	2364.0	2555.7	2703.3	2841.7	2922.1	2974.5	3256.0	3534.1	4154.1
-27.5°	1988.9	2186.6	2432.7	2639.7	2798.6	2884.5	2949.2	2991.7	3160.4	3326.2	3506.6
-30°	1914.9	2218.0	2483.7	2724.4	2862.7	2967.6	3052.2	3128.6	3245.3	3385.7	3451.3
-32.5°	1652.5	2209.4	2505.1	2726.6	2868.7	2992.5	3122.8	3193.5	3296.2	3399.0	3481.9
-35°	1298.0	1864.0	2482.0	2608.9	2749.9	2911.3	3067.8	3168.4	3273.0	3378.9	3476.5
-37.5°	972.3	1395.6	1896.8	2355.2	2544.4	2709.6	2901.7	3056.7	3193.6	3309.0	3420.3
-40°	852.3	967.1	1335.8	1699.8	2086.5	2441.4	2631.3	2838.6	3044.6	3187.3	3314.2
-42.5°	851.0	894.9	932.6	1176.6	1474.0	1779.3	2102.2	2403.2	2738.3	2973.2	3151.5
-45°	856.4	890.7	925.7	961.1	993.6	1218.1	1453.6	1692.4	2042.1	2389.3	2689.5
-47.5°	815.7	881.7	923.7	957.6	989.8	1021.3	1052.1	1116.5	1340.1	1576.7	1793.0
-50°	751.0	819.1	881.7	944.4	981.2	1012.4	1045.9	1082.7	1118.5	1154.8	1179.0
-52.5°	671.7	738.7	803.9	863.4	917.0	969.7	1022.4	1065.2	1103.4	1140.6	1159.2
-55°	595.9	656.2	715.5	767.9	820.2	872.2	924.6	976.7	1028.5	1079.3	1105.3
-57.5°	511.7	570.3	626.1	670.2	714.7	759.0	806.6	855.5	902.7	946.0	968.8
-60°	422.4	472.6	520.4	563.3	604.9	644.9	685.3	726.1	766.0	801.2	821.9
-62.5°	333.6	372.3	412.2	449.5	485.0	519.1	556.0	591.1	624.3	652.3	671.9
-65°	261.1	290.1	315.6	341.5	367.7	397.7	428.1	456.8	483.7	505.9	522.6
-67.5°	177.3	203.9	227.3	249.3	269.4	289.9	311.7	332.6	352.4	368.8	381.7
-70°	107.2	122.2	135.5	150.4	167.9	185.2	202.4	218.3	232.7	244.6	254.0
-72.5°	58.3	64.6	71.4	82.1	91.9	101.7	111.3	120.2	128.2	135.3	141.5
-75°	31.4	34.1	39.0	43.4	47.4	51.3	55.2	58.7	61.8	64.4	66.6
-77.5°	24.2	25.5	26.7	27.8	28.7	29.6	30.4	31.2	32.0	32.8	33.4
-80°	18.6	19.5	20.4	21.2	22.0	22.6	23.1	23.5	23.8	24.3	24.8
-82.5°	14.9	15.3	15.7	16.2	16.6	17.1	17.5	18.0	18.4	18.6	18.7
-85°	12.2	12.4	12.5	12.7	12.8	12.9	13.1	13.2	13.2	13.3	13.3
-87.5°	9.9	9.9	10.0	10.0	10.0	10.3	10.6	10.9	11.2	11.2	11.2
-90°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1306065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.8
87.5°	0.0	0.0	0.5	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.3
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.2
72.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.8	3.9	4.1	4.3
70°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.5	4.9	5.8
67.5°	4.8	4.5	4.0	3.4	4.0	4.5	4.8	5.0	5.2	5.7	6.6
65°	4.5	4.5	4.0	3.4	4.0	4.5	4.5	4.6	4.7	5.3	6.2
62.5°	4.2	4.4	4.0	3.4	4.0	4.4	4.2	3.9	3.8	4.2	5.0
60°	4.1	4.4	4.5	4.5	4.5	4.4	4.1	3.8	3.5	3.7	4.3
57.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.1	4.1	4.2
55°	4.5	4.5	4.9	5.6	4.9	4.5	4.5	4.5	4.5	4.7	4.7
52.5°	5.4	5.5	5.6	5.6	5.6	5.5	5.4	5.3	5.2	5.2	5.3
50°	6.5	6.6	6.7	6.7	6.7	6.6	6.5	6.4	6.3	6.2	5.8
47.5°	9.5	9.2	9.0	9.0	9.0	9.2	9.5	9.5	9.4	8.9	7.9
45°	15.6	15.6	15.6	15.7	15.6	15.6	15.6	15.4	21.9	22.8	14.0
42.5°	31.3	28.2	25.8	26.9	25.8	28.2	31.3	32.2	53.2	68.5	73.1
40°	92.2	63.3	36.7	37.0	36.7	63.3	92.2	103.2	93.9	117.4	123.3
37.5°	86.1	69.4	62.7	61.6	62.7	69.4	86.1	108.0	102.0	72.6	91.1
35°	142.1	141.2	135.0	134.4	135.0	141.2	142.1	141.6	132.3	110.5	127.8
32.5°	346.6	360.8	356.2	350.5	356.2	360.8	346.6	331.7	293.2	265.0	263.5
30°	724.5	756.1	749.7	767.0	749.7	756.1	724.5	688.2	611.6	570.0	506.3
27.5°	1201.7	1222.3	1201.1	1194.7	1201.1	1222.3	1201.7	1159.1	1082.0	1009.5	887.9
25°	1891.3	1931.4	1949.8	1987.5	1949.8	1931.4	1891.3	1782.8	1623.9	1550.7	1425.4
22.5°	4252.4	4500.2	4372.9	4259.3	4372.9	4500.2	4252.4	3386.9	2690.7	2367.6	2106.4
20°	12479.7	14683.9	14521.4	14231.4	14521.4	14683.9	12479.7	8738.1	6910.4	4261.5	3382.3
17.5°	30092.2	36863.7	41080.8	43299.9	41080.8	36863.7	30092.2	21648.2	16249.9	10352.4	6136.0
15°	56139.5	67529.2	74216.7	78009.5	74216.7	67529.2	56139.5	41842.4	29795.4	19839.9	11103.0
12.5°	88556.3	106408.0	118251.1	120515.0	118251.1	106408.0	88556.3	68023.8	46666.6	30574.2	17869.2
10°	124251.5	147115.5	165972.1	172849.2	165972.1	147115.5	124251.5	96393.0	69174.7	44042.0	24101.5
7.5°	154736.4	183913.6	208952.3	217857.9	208952.3	183913.6	154736.4	122327.2	87286.1	55776.8	32190.7
5°	176903.8	215608.3	238272.7	244388.0	238272.7	215608.3	176903.8	138410.7	100890.2	65332.0	36670.5
2.5°	194948.1	231688.3	255987.5	268515.9	255987.5	231688.3	194948.1	148727.1	108633.5	72012.2	40208.9
0°	202881.8	238189.4	264395.9	282776.9	264395.9	238189.4	202881.8	154632.8	113490.0	74583.2	41065.0
-2.5°	193131.9	229238.8	247880.8	255937.2	247880.8	229238.8	193131.9	147904.5	108085.8	71604.2	40318.2
-5°	164202.5	198239.7	216976.3	222929.0	216976.3	198239.7	164202.5	129670.8	95560.6	62799.9	36078.2
-7.5°	128084.8	151665.8	167831.2	173465.1	167831.2	151665.8	128084.8	102159.1	75367.8	49853.9	28982.5
-10°	96445.1	113356.7	122019.5	124947.4	122019.5	113356.7	96445.1	76106.1	55632.0	36399.1	20511.4
-12.5°	66224.4	78955.5	84555.2	88234.0	84555.2	78955.5	66224.4	51671.4	36687.4	24442.7	15058.8
-15°	40736.4	49036.2	53445.5	55962.6	53445.5	49036.2	40736.4	30770.1	22588.3	14872.8	9025.7
-17.5°	24749.5	29261.1	32183.1	33507.0	32183.1	29261.1	24749.5	18797.3	13972.0	8932.0	5558.7
-20°	15365.1	18368.9	20075.1	21053.7	20075.1	18368.9	15365.1	11637.3	8499.8	5402.4	4012.1



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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°	8631.7	10279.9	11204.1	11526.2	11204.1	10279.9	8631.7	6499.9	4880.2	3907.4	3251.5
-25°	4800.0	5219.5	5403.1	5446.2	5403.1	5219.5	4800.0	4154.1	3534.1	3256.0	2974.5
-27.5°	3663.0	3752.5	3809.2	3826.0	3809.2	3752.5	3663.0	3506.6	3326.2	3160.4	2991.7
-30°	3513.7	3523.0	3538.6	3536.0	3538.6	3523.0	3513.7	3451.3	3385.7	3245.3	3128.6
-32.5°	3540.4	3543.8	3546.9	3541.6	3546.9	3543.8	3540.4	3481.9	3399.0	3296.2	3193.5
-35°	3529.8	3539.9	3547.8	3551.7	3547.8	3539.9	3529.8	3476.5	3378.9	3273.0	3168.4
-37.5°	3464.5	3478.4	3485.3	3478.9	3485.3	3478.4	3464.5	3420.3	3309.0	3193.6	3056.7
-40°	3344.7	3354.8	3355.4	3350.1	3355.4	3354.8	3344.7	3314.2	3187.3	3044.6	2838.6
-42.5°	3205.8	3241.1	3257.8	3258.3	3257.8	3241.1	3205.8	3151.5	2973.2	2738.3	2403.2
-45°	2879.7	3027.3	3114.9	3136.3	3114.9	3027.3	2879.7	2689.5	2389.3	2042.1	1692.4
-47.5°	1965.9	2112.5	2207.9	2243.9	2207.9	2112.5	1965.9	1793.0	1576.7	1340.1	1116.5
-50°	1196.6	1214.4	1222.2	1220.5	1222.2	1214.4	1196.6	1179.0	1154.8	1118.5	1082.7
-52.5°	1173.4	1187.4	1196.1	1200.3	1196.1	1187.4	1173.4	1159.2	1140.6	1103.4	1065.2
-55°	1126.7	1144.3	1153.3	1155.5	1153.3	1144.3	1126.7	1105.3	1079.3	1028.5	976.7
-57.5°	987.9	1003.3	1012.1	1015.6	1012.1	1003.3	987.9	968.8	946.0	902.7	855.5
-60°	838.6	851.4	857.1	857.7	857.1	851.4	838.6	821.9	801.2	766.0	726.1
-62.5°	688.1	700.9	705.1	704.3	705.1	700.9	688.1	671.9	652.3	624.3	591.1
-65°	536.5	547.6	549.8	547.5	549.8	547.6	536.5	522.6	505.9	483.7	456.8
-67.5°	392.5	401.2	403.7	403.1	403.7	401.2	392.5	381.7	368.8	352.4	332.6
-70°	261.6	267.2	266.9	264.2	266.9	267.2	261.6	254.0	244.6	232.7	218.3
-72.5°	146.8	151.0	154.4	156.8	154.4	151.0	146.8	141.5	135.3	128.2	120.2
-75°	68.3	69.6	71.4	72.8	71.4	69.6	68.3	66.6	64.4	61.8	58.7
-77.5°	34.0	34.5	35.2	35.8	35.2	34.5	34.0	33.4	32.8	32.0	31.2
-80°	25.3	25.7	25.8	25.8	25.8	25.7	25.3	24.8	24.3	23.8	23.5
-82.5°	18.9	18.9	19.0	19.0	19.0	18.9	18.9	18.7	18.6	18.4	18.0
-85°	13.4	13.4	14.0	14.6	14.0	13.4	13.4	13.3	13.3	13.2	13.2
-87.5°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.9
-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°	9.6	9.3	9.0	9.0	9.0	9.0	9.0	8.7	8.4	8.1	7.8
87.5°	0.5	0.8	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3
80°	1.1	1.1	1.1	1.3	1.4	1.4	1.4	1.6	1.8	1.9	2.0
77.5°	1.1	1.1	1.2	1.6	1.9	2.2	2.4	2.5	2.7	2.8	2.8
75°	2.2	2.2	2.3	2.8	3.1	3.2	3.3	3.2	3.2	3.3	3.4
72.5°	4.5	4.6	5.1	5.9	6.3	6.7	6.8	6.4	5.5	4.3	3.4
70°	6.6	7.2	8.3	10.0	11.3	12.0	12.4	12.1	11.0	9.8	7.5
67.5°	7.6	8.6	10.5	12.7	14.5	16.0	17.9	19.6	19.7	18.5	13.3
65°	7.2	8.4	10.0	11.6	13.7	16.4	20.6	23.1	24.7	25.4	20.9
62.5°	5.8	6.6	7.6	9.1	10.8	13.7	18.9	23.4	27.1	27.9	23.6
60°	4.9	5.7	6.3	7.1	8.1	10.6	15.5	21.1	27.6	26.9	24.1
57.5°	4.3	4.8	5.6	6.2	6.6	8.4	11.8	16.5	22.5	23.1	22.2
55°	4.5	4.7	5.3	5.9	6.7	7.4	8.8	11.7	15.9	17.3	17.6
52.5°	5.5	5.3	5.3	5.4	6.1	6.9	7.5	9.1	10.5	12.4	13.4
50°	5.6	5.8	5.8	5.6	6.2	6.7	7.3	7.8	8.6	9.6	10.3
47.5°	7.8	7.7	6.9	6.6	7.9	7.5	7.9	8.3	8.8	8.6	9.1
45°	16.7	16.3	11.3	11.7	12.7	12.7	10.4	11.2	10.7	10.1	9.0
42.5°	52.6	39.6	34.7	25.7	20.5	20.5	19.3	17.7	16.1	13.3	12.8
40°	88.2	70.6	58.1	47.5	37.0	30.4	31.9	27.2	24.3	20.7	20.6
37.5°	94.2	66.3	77.0	73.0	58.3	55.1	55.1	45.9	33.8	40.9	40.4
35°	115.6	110.2	119.8	116.8	94.2	111.0	100.9	78.9	66.5	73.9	69.4
32.5°	233.7	237.3	224.5	207.9	202.3	199.9	181.1	139.5	132.6	127.4	112.0
30°	446.3	429.3	395.6	374.8	368.6	328.4	289.5	292.5	252.6	195.7	167.2
27.5°	814.7	688.2	637.7	663.1	599.3	518.5	508.9	516.4	416.6	315.7	241.2
25°	1320.5	1136.8	1090.7	1075.1	957.7	843.7	817.4	783.7	669.1	474.1	333.3
22.5°	1952.7	1774.1	1665.7	1602.4	1448.0	1322.6	1208.8	1084.9	968.7	709.7	494.3
20°	2640.4	2423.1	2250.7	2120.1	1984.5	1815.8	1644.8	1431.4	1249.2	1003.1	689.6
17.5°	3949.5	3087.1	2754.4	2590.5	2459.2	2298.1	2017.9	1741.6	1527.0	1310.7	905.1
15°	5740.7	3986.0	3249.5	2993.4	2828.8	2569.7	2308.2	2013.8	1799.7	1588.7	1149.1
12.5°	9588.1	5123.7	3688.5	3215.2	2973.0	2755.4	2538.2	2271.7	2014.8	1737.2	1323.1
10°	13180.7	6924.0	4310.7	3434.5	3089.8	2879.7	2662.5	2354.0	2062.9	1815.9	1470.9
7.5°	17412.7	9075.3	4944.8	3606.7	3186.2	2926.4	2661.5	2345.6	2087.0	1869.4	1592.8
5°	20039.5	10543.4	5341.5	3727.4	3252.8	2980.7	2660.1	2302.3	2090.8	1901.9	1689.2
2.5°	21496.7	11331.2	5525.3	3806.8	3295.8	3038.7	2685.9	2281.5	2090.6	1908.3	1718.9
0°	21666.2	11493.7	5503.3	3814.8	3321.0	3090.4	2746.6	2289.8	2086.0	1903.5	1725.5
-2.5°	21270.3	11158.5	5430.0	3782.6	3306.7	3083.0	2847.1	2379.9	2136.6	1925.0	1717.8
-5°	19159.9	9983.2	5069.8	3603.2	3175.1	2977.1	2786.6	2394.8	2137.4	1922.7	1687.2
-7.5°	15673.0	8238.4	4550.7	3377.0	3007.8	2824.4	2631.4	2319.2	2049.4	1847.2	1589.2
-10°	11215.4	6042.6	3888.3	3131.0	2835.6	2663.0	2489.9	2214.8	1953.0	1763.6	1472.9
-12.5°	8159.3	4481.6	3278.4	2857.2	2659.3	2526.3	2380.9	2095.7	1849.7	1673.1	1340.8
-15°	5084.1	3628.0	2999.4	2686.4	2495.9	2398.1	2285.0	2031.1	1830.0	1605.7	1195.0
-17.5°	3900.8	3064.3	2762.5	2565.4	2420.3	2304.8	2196.4	2017.1	1822.0	1550.0	1066.2
-20°	3189.7	2895.7	2663.8	2496.5	2383.0	2283.7	2151.0	2011.5	1793.3	1401.8	941.5



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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°	3000.3	2841.6	2658.6	2486.8	2355.1	2241.8	2115.2	1974.0	1745.7	1206.0	804.7
-25°	2922.1	2841.7	2703.3	2555.7	2364.0	2196.4	2071.6	1886.1	1506.1	1012.6	678.6
-27.5°	2949.2	2884.5	2798.6	2639.7	2432.7	2186.6	1988.9	1750.3	1232.5	849.0	671.0
-30°	3052.2	2967.6	2862.7	2724.4	2483.7	2218.0	1914.9	1435.5	1013.0	715.5	665.5
-32.5°	3122.8	2992.5	2868.7	2726.6	2505.1	2209.4	1652.5	1137.3	796.3	708.0	665.4
-35°	3067.8	2911.3	2749.9	2608.9	2482.0	1864.0	1298.0	899.0	746.5	700.8	663.9
-37.5°	2901.7	2709.6	2544.4	2355.2	1896.8	1395.6	972.3	799.4	741.3	695.2	640.0
-40°	2631.3	2441.4	2086.5	1699.8	1335.8	967.1	852.3	796.9	744.0	674.1	604.5
-42.5°	2102.2	1779.3	1474.0	1176.6	932.6	894.9	851.0	801.4	733.4	645.5	564.2
-45°	1453.6	1218.1	993.6	961.1	925.7	890.7	856.4	784.2	699.0	608.6	522.9
-47.5°	1052.1	1021.3	989.8	957.6	923.7	881.7	815.7	742.9	650.1	563.7	488.5
-50°	1045.9	1012.4	981.2	944.4	881.7	819.1	751.0	677.6	593.8	518.2	447.5
-52.5°	1022.4	969.7	917.0	863.4	803.9	738.7	671.7	606.4	535.9	465.6	399.2
-55°	924.6	872.2	820.2	767.9	715.5	656.2	595.9	533.9	470.8	406.6	349.0
-57.5°	806.6	759.0	714.7	670.2	626.1	570.3	511.7	454.9	401.7	347.0	296.5
-60°	685.3	644.9	604.9	563.3	520.4	472.6	422.4	374.5	329.1	288.5	247.8
-62.5°	556.0	519.1	485.0	449.5	412.2	372.3	333.6	300.1	266.7	231.8	193.5
-65°	428.1	397.7	367.7	341.5	315.6	290.1	261.1	230.0	198.1	166.8	135.2
-67.5°	311.7	289.9	269.4	249.3	227.3	203.9	177.3	150.7	129.4	109.4	87.4
-70°	202.4	185.2	167.9	150.4	135.5	122.2	107.2	91.1	74.3	62.4	52.4
-72.5°	111.3	101.7	91.9	82.1	71.4	64.6	58.3	51.1	43.4	35.2	29.2
-75°	55.2	51.3	47.4	43.4	39.0	34.1	31.4	29.5	27.6	25.8	23.9
-77.5°	30.4	29.6	28.7	27.8	26.7	25.5	24.2	22.9	21.8	20.7	19.6
-80°	23.1	22.6	22.0	21.2	20.4	19.5	18.6	17.9	17.2	16.6	16.0
-82.5°	17.5	17.1	16.6	16.2	15.7	15.3	14.9	14.5	14.0	13.4	12.8
-85°	13.1	12.9	12.8	12.7	12.5	12.4	12.2	11.9	11.6	11.3	11.0
-87.5°	10.6	10.3	10.0	10.0	10.0	9.9	9.9	9.8	9.7	9.6	9.4
-90°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1



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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°	7.5	7.3	7.0	6.7	6.7	6.7	6.7	6.7	6.4	6.2	5.9
87.5°	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5
85°	1.4	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.4	2.6	2.7
82.5°	1.4	1.7	2.0	2.2	2.4	2.5	2.6	2.5	2.6	2.8	3.0
80°	2.0	2.0	2.1	2.2	2.5	2.8	3.0	3.0	3.0	3.0	3.2
77.5°	2.6	2.4	2.2	2.3	2.6	2.9	3.2	3.4	3.3	3.2	3.3
75°	3.4	3.2	3.0	2.8	2.8	2.9	3.2	3.4	3.4	3.4	3.4
72.5°	3.4	3.4	3.4	3.4	3.2	3.2	3.3	3.4	3.4	3.4	3.4
70°	5.3	3.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
67.5°	8.5	6.0	4.3	3.5	3.4	3.4	3.4	3.5	3.6	3.4	3.4
65°	14.9	9.6	5.5	4.6	3.8	3.4	3.4	3.6	3.8	3.6	3.4
62.5°	19.2	14.4	9.5	6.2	4.6	3.9	3.4	3.7	3.9	3.9	3.6
60°	21.3	16.8	13.2	9.6	6.3	4.4	3.9	3.7	4.0	4.2	3.9
57.5°	19.7	18.0	15.3	12.2	8.8	5.7	4.4	4.1	4.0	4.3	4.2
55°	16.8	15.7	16.4	14.2	10.9	7.6	5.3	4.5	4.2	4.3	4.5
52.5°	13.2	14.2	15.7	15.3	12.6	9.3	6.9	5.0	4.6	4.4	4.6
50°	10.6	12.7	15.0	15.7	14.1	11.1	8.3	6.1	5.0	4.5	4.7
47.5°	9.8	11.9	13.9	16.0	15.2	12.7	9.7	7.1	5.4	4.9	4.7
45°	10.8	11.7	13.3	15.2	16.5	14.1	11.2	8.1	6.2	5.3	4.8
42.5°	13.2	13.4	13.4	14.5	16.3	15.2	12.6	9.3	6.8	5.7	5.0
40°	18.9	16.9	14.7	15.9	16.2	16.3	13.7	10.5	7.4	6.2	5.4
37.5°	26.4	22.9	18.9	19.9	17.7	16.7	14.6	11.7	8.3	6.8	5.8
35°	51.0	31.2	32.1	29.6	23.2	17.6	15.5	12.7	9.7	7.4	6.2
32.5°	82.7	60.1	59.2	45.6	30.8	18.9	16.5	14.0	11.0	8.0	6.6
30°	135.7	124.9	98.4	65.9	42.4	25.9	18.2	15.5	12.4	8.6	7.0
27.5°	219.2	202.0	152.0	102.1	61.8	35.0	21.4	17.1	13.8	9.4	7.5
25°	303.7	281.8	226.2	150.1	84.0	54.3	25.4	18.8	15.2	10.5	8.0
22.5°	388.2	359.6	308.6	205.4	117.6	79.2	35.5	21.9	16.5	11.7	8.4
20°	468.8	436.8	391.3	251.5	158.4	108.8	53.7	25.3	17.9	12.7	8.8
17.5°	562.5	495.5	427.2	300.2	199.0	138.5	74.7	29.1	19.2	13.8	9.2
15°	706.6	530.7	459.6	343.5	234.2	168.1	97.8	33.0	20.6	14.8	9.6
12.5°	837.6	563.6	491.6	381.5	264.4	197.2	122.3	37.1	21.9	15.6	10.0
10°	960.1	594.0	522.6	414.3	290.2	225.6	147.4	41.3	23.6	16.3	10.3
7.5°	1071.0	621.9	552.0	442.1	310.2	244.1	164.3	45.4	25.3	16.8	10.5
5°	1158.5	644.0	576.3	461.9	317.9	251.1	177.6	49.3	27.1	17.3	10.8
2.5°	1187.4	658.1	595.6	477.2	323.9	255.9	188.2	52.9	28.7	17.6	11.0
0°	1193.6	669.6	611.4	488.2	328.1	258.7	195.9	56.0	30.2	17.9	11.2
-2.5°	1187.7	670.9	612.1	497.6	341.0	266.6	202.8	69.8	39.8	23.3	13.8
-5°	1160.7	670.1	609.7	502.3	351.5	273.0	207.1	82.8	49.0	28.5	16.3
-7.5°	1088.9	661.0	601.3	501.7	359.3	277.9	209.1	94.9	57.5	33.3	18.7
-10°	996.3	645.7	585.5	491.1	364.4	283.8	209.8	105.7	65.2	37.7	20.8
-12.5°	891.6	628.4	569.9	479.1	367.7	290.6	211.7	115.0	71.8	41.4	22.6
-15°	777.2	609.0	555.4	466.7	369.4	295.8	211.6	122.6	77.4	45.0	24.0
-17.5°	659.5	587.5	542.8	454.8	369.5	299.5	209.7	128.3	82.1	48.7	25.7
-20°	637.1	578.5	531.2	444.3	368.4	301.6	206.0	132.0	85.8	51.4	27.3



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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°	631.7	581.4	522.0	439.0	367.1	302.2	200.8	133.5	88.4	53.1	28.3
-25°	626.0	584.9	512.3	432.7	365.6	293.4	198.0	132.8	89.9	53.8	28.5
-27.5°	626.5	584.0	499.8	422.4	357.3	283.1	196.5	133.8	90.3	53.4	28.0
-30°	630.6	567.6	485.2	408.8	346.0	266.2	191.9	133.5	89.7	52.6	26.7
-32.5°	626.4	548.4	466.0	394.1	327.4	248.5	182.3	131.7	87.5	51.0	25.9
-35°	598.6	522.4	442.4	375.8	306.0	234.6	172.2	128.4	83.6	48.3	24.9
-37.5°	567.9	491.0	419.1	353.4	284.2	219.0	164.1	120.5	78.1	44.4	23.4
-40°	531.8	459.9	393.4	329.2	264.3	201.6	154.1	110.7	72.2	39.2	21.2
-42.5°	494.2	429.9	366.0	304.5	243.5	188.2	141.9	99.3	64.0	35.1	18.5
-45°	459.6	397.5	336.1	278.3	221.8	172.5	127.4	86.7	54.5	31.3	16.4
-47.5°	422.3	361.8	304.6	250.0	201.4	154.4	111.2	74.8	44.1	26.7	15.7
-50°	380.6	324.7	271.8	223.1	177.9	134.1	94.0	61.7	37.8	21.2	15.0
-52.5°	339.4	287.0	239.6	195.5	152.4	111.8	77.8	48.2	30.8	18.6	14.0
-55°	295.9	250.0	207.4	165.0	124.7	90.8	60.2	39.5	23.4	17.3	13.1
-57.5°	253.3	212.7	171.4	132.0	98.3	69.1	46.7	30.3	20.2	15.8	12.7
-60°	208.5	169.6	132.5	100.8	72.3	50.7	35.4	22.9	18.3	14.4	12.3
-62.5°	157.3	124.8	97.1	70.0	51.2	36.9	25.1	20.4	16.2	13.8	11.8
-65°	109.9	85.3	62.3	48.4	35.1	25.4	21.9	17.8	15.1	13.1	11.3
-67.5°	65.9	54.0	42.0	30.0	25.0	21.9	18.6	16.3	14.3	12.4	10.8
-70°	42.0	31.6	26.7	23.9	21.1	18.5	16.9	15.2	13.4	11.7	10.2
-72.5°	26.9	24.6	22.2	19.8	18.2	16.7	15.4	14.0	12.4	10.9	9.6
-75°	21.9	20.2	18.8	17.4	16.1	15.0	13.9	12.7	11.3	10.0	8.9
-77.5°	18.4	17.2	16.0	15.1	14.2	13.3	12.4	11.4	10.3	9.3	8.3
-80°	15.2	14.5	13.9	13.2	12.5	11.7	11.0	10.4	9.5	8.6	7.7
-82.5°	12.4	12.1	11.8	11.3	10.8	10.4	9.9	9.5	8.7	7.9	7.1
-85°	10.7	10.3	9.9	9.5	9.2	9.0	8.8	8.6	7.9	7.3	6.7
-87.5°	9.1	8.7	8.4	8.0	7.9	7.8	7.8	7.7	7.2	6.7	6.3
-90°	1.1	1.1	1.1	1.1	1.4	1.7	1.9	2.2	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.6	5.3	5.1	4.8	4.5	4.0	3.4
87.5°	2.5	2.7	2.9	3.1	3.4	3.4	3.4
85°	2.8	2.9	3.0	3.2	3.4	3.4	3.4
82.5°	3.1	3.1	3.1	3.2	3.4	3.5	3.4
80°	3.4	3.3	3.2	3.3	3.4	3.5	3.4
77.5°	3.4	3.4	3.3	3.3	3.4	3.5	3.4
75°	3.4	3.5	3.4	3.3	3.4	3.5	3.4
72.5°	3.5	3.6	3.5	3.4	3.4	3.6	3.4
70°	3.5	3.6	3.6	3.4	3.4	3.6	3.4
67.5°	3.5	3.7	3.7	3.5	3.5	3.6	3.4
65°	3.5	3.8	3.8	3.6	3.5	3.7	3.4
62.5°	3.6	3.8	4.0	3.8	3.5	3.7	3.4
60°	3.6	3.9	4.1	3.9	3.5	3.7	3.4
57.5°	3.9	3.9	4.1	4.0	3.6	3.7	3.4
55°	4.1	3.9	4.1	4.1	3.7	3.8	3.4
52.5°	4.4	4.0	4.2	4.2	3.8	3.8	3.4
50°	4.7	4.2	4.2	4.3	3.9	3.8	3.4
47.5°	4.9	4.4	4.2	4.4	4.0	3.9	3.4
45°	5.0	4.6	4.3	4.5	4.0	3.9	3.4
42.5°	5.0	4.9	4.3	4.5	4.1	3.9	3.4
40°	5.1	5.1	4.4	4.5	4.2	4.0	3.4
37.5°	5.1	5.3	4.6	4.5	4.2	4.0	3.4
35°	5.2	5.4	4.7	4.6	4.3	4.0	3.4
32.5°	5.3	5.4	4.9	4.6	4.3	4.1	3.4
30°	5.7	5.5	5.0	4.7	4.4	4.1	3.4
27.5°	6.0	5.5	5.1	4.7	4.4	4.2	3.4
25°	6.3	5.6	5.2	4.8	4.4	4.2	3.4
22.5°	6.6	5.6	5.3	4.9	4.4	4.2	3.4
20°	6.9	5.7	5.4	4.9	4.5	4.3	3.4
17.5°	7.3	5.8	5.5	5.0	4.5	4.3	3.4
15°	7.6	5.9	5.5	5.1	4.5	4.3	3.4
12.5°	7.9	6.0	5.6	5.2	4.5	4.4	3.4
10°	8.2	6.2	5.6	5.3	4.5	4.4	3.4
7.5°	8.4	6.3	5.6	5.4	4.5	4.4	3.4
5°	8.6	6.4	5.6	5.4	4.5	4.4	3.4
2.5°	8.8	6.6	5.6	5.5	4.5	4.5	3.4
0°	9.0	6.7	5.6	5.6	4.5	4.5	3.4
-2.5°	9.9	7.1	5.8	5.7	4.5	4.5	3.4
-5°	10.7	7.4	6.0	5.7	4.6	4.5	3.4
-7.5°	11.5	7.8	6.2	5.8	4.6	4.6	3.4
-10°	12.2	8.1	6.3	5.8	4.7	4.6	3.4
-12.5°	12.8	8.4	6.5	5.9	4.7	4.6	3.4
-15°	13.3	8.6	6.7	5.9	4.8	4.6	3.4
-17.5°	13.7	8.8	6.8	5.9	4.8	4.6	3.4
-20°	14.1	9.0	6.9	6.0	4.9	4.6	3.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.6	9.1	7.0	6.0	4.9	4.6	3.4
-25°	14.8	9.3	7.1	6.0	5.0	4.6	3.4
-27.5°	14.7	9.4	7.2	6.0	5.0	4.6	3.4
-30°	14.3	9.4	7.2	6.0	5.1	4.6	3.4
-32.5°	13.4	9.4	7.3	6.0	5.1	4.6	3.4
-35°	13.1	9.3	7.4	6.0	5.1	4.6	3.4
-37.5°	12.9	9.2	7.4	5.9	5.2	4.6	3.4
-40°	12.7	9.3	7.4	5.9	5.2	4.6	3.4
-42.5°	12.4	9.3	7.4	5.9	5.2	4.6	3.4
-45°	11.9	9.3	7.4	5.8	5.3	4.6	3.4
-47.5°	11.4	9.2	7.4	5.8	5.3	4.5	3.4
-50°	11.2	9.1	7.3	5.8	5.3	4.5	3.4
-52.5°	11.0	9.0	7.2	5.9	5.4	4.5	3.4
-55°	10.8	8.8	7.1	5.9	5.4	4.5	3.4
-57.5°	10.6	8.7	7.0	5.9	5.4	4.5	3.4
-60°	10.3	8.4	6.8	5.9	5.5	4.4	3.4
-62.5°	10.0	8.2	6.8	5.9	5.4	4.4	3.4
-65°	9.6	7.9	6.7	5.9	5.3	4.4	3.4
-67.5°	9.2	7.7	6.6	5.9	5.3	4.3	3.4
-70°	8.8	7.4	6.5	5.8	5.2	4.3	3.4
-72.5°	8.3	7.1	6.3	5.7	5.1	4.3	3.4
-75°	7.8	6.8	6.1	5.6	5.0	4.2	3.4
-77.5°	7.3	6.5	6.0	5.5	4.9	4.2	3.4
-80°	6.7	6.3	5.8	5.3	4.9	4.1	3.4
-82.5°	6.4	6.0	5.6	5.2	4.8	4.1	3.4
-85°	6.2	5.8	5.4	5.1	4.7	4.0	3.4
-87.5°	5.9	5.6	5.2	4.9	4.6	4.0	3.4
-90°	2.2	2.5	2.8	3.1	3.4	3.4	3.4

(END OF REPORT)