

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: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-5S-CV2-A**

Issue Date: 2/3/2026

Test Information

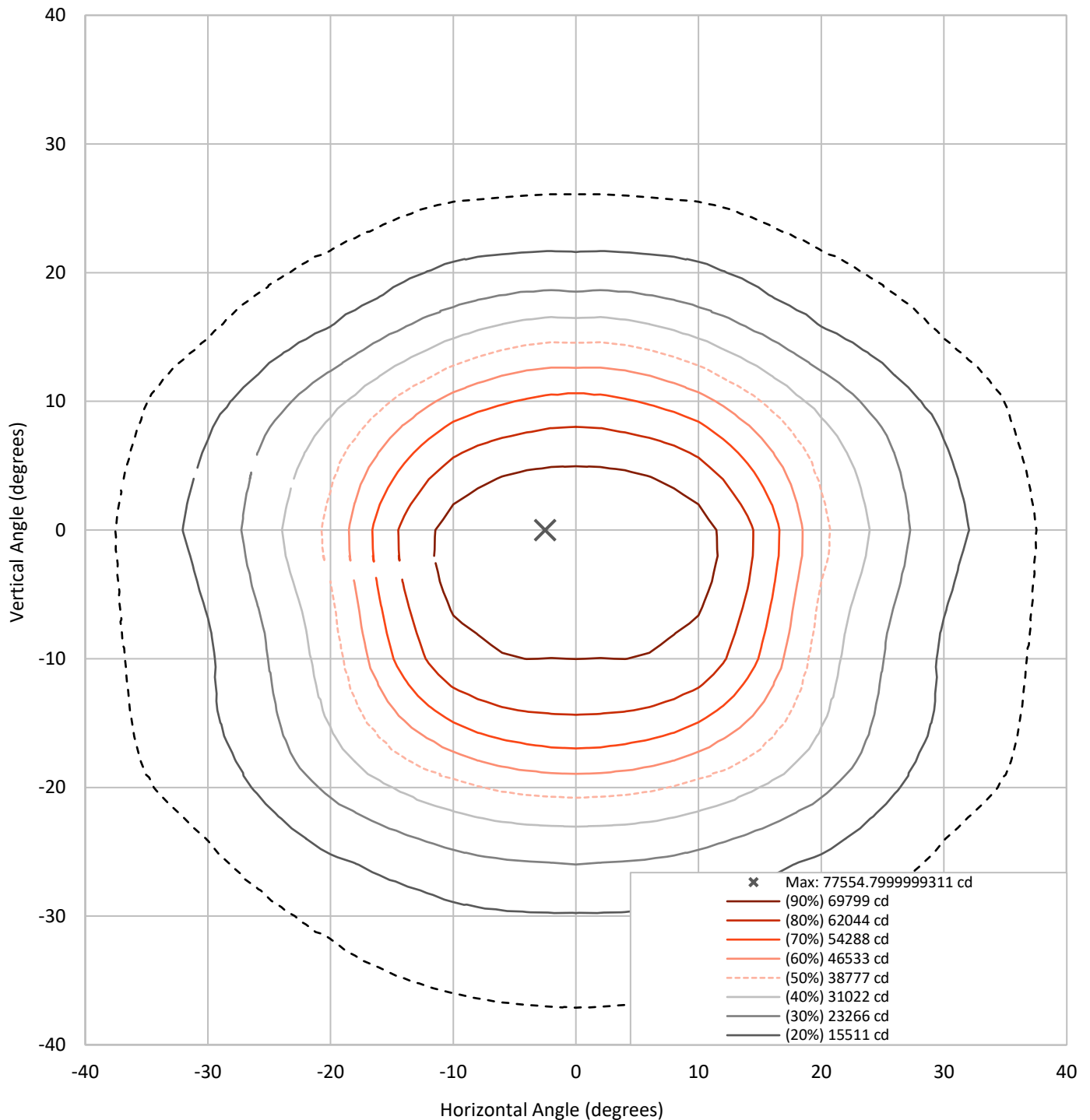
Test Method: LM-79-08
Report Number: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-80-5S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	38275.5 lumens	Max Intensity:	77554.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	21052.3 lumens	Field Lumens:	35064.7 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: EPH-08-320N-40-80-5S-CV2-A

Iso-Candela Plot





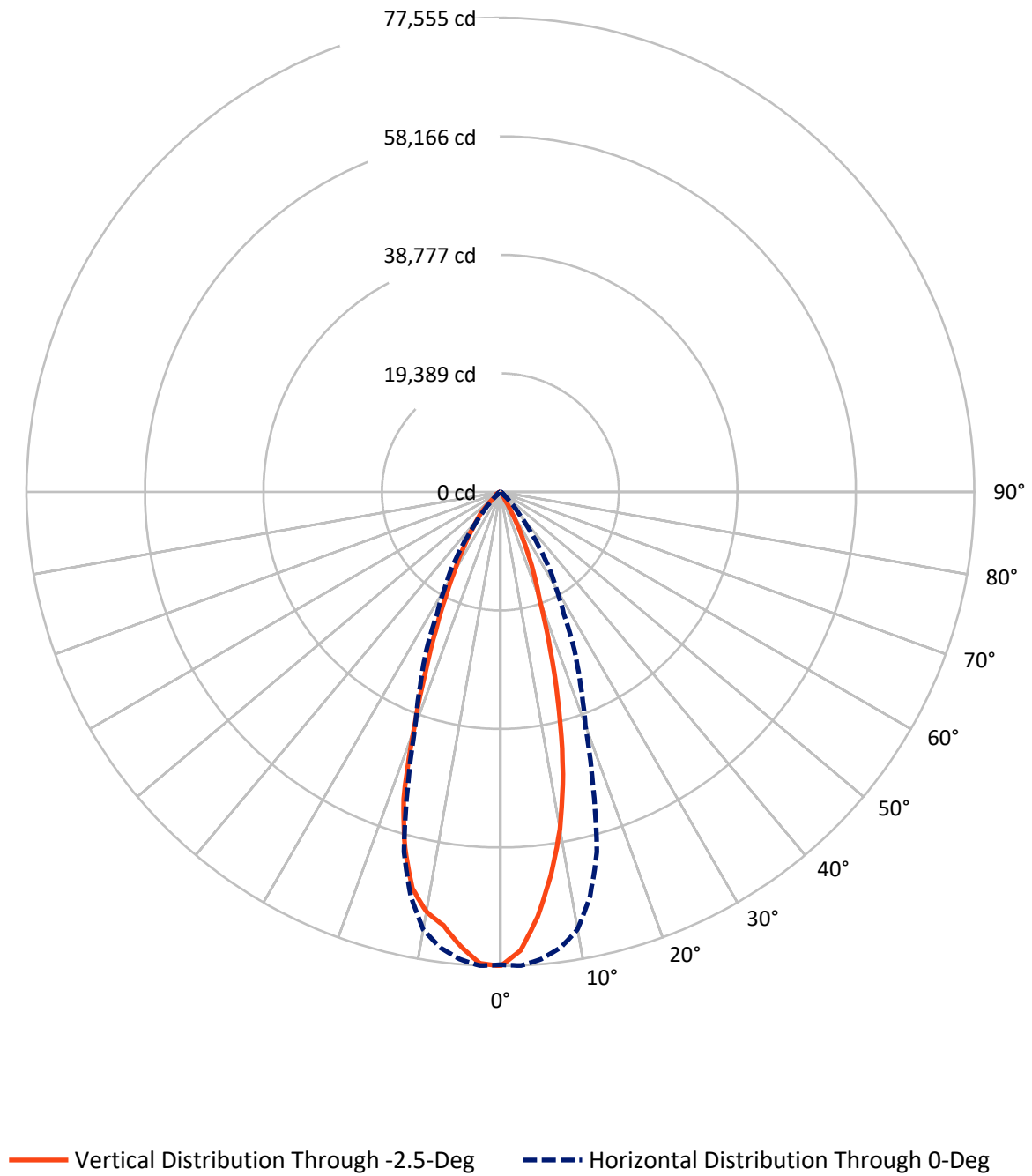
REPORT NUMBER: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1		
80	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1		
70	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1
60		0.1	0.1	0.4	0.4	0.2	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.1	
50	0.1	0.1	0.2	0.4	0.5	0.6	1.0	1.1	1.1	1.0	0.6	0.5	0.4	0.2	0.1
40		0.1	0.5	1.2	3.1	8.6	14.9	19.0	19.0	14.9	8.6	3.1	1.2	0.5	
30	0.1	0.2	1.7	5.8	34.0	97.7	198.6	286.7	286.7	198.6	97.7	34.0	5.8	1.7	0.1
20		0.4	3.6	19.0	120.9	354.3	726.1	1072.7	1072.7	726.1	354.3	120.9	19.0	3.6	
10	0.2	0.8	6.1	41.5	248.7	710.3	1487.2	2029.8	2029.8	1487.2	710.3	248.7	41.5	6.1	0.2
0		1.4	8.4	50.1	260.4	727.4	1669.1	2224.6	2224.6	1669.1	727.4	260.4	50.1	8.4	
-10	0.2	1.6	8.6	40.3	221.1	598.8	1261.1	1736.7	1736.7	1261.1	598.8	221.1	40.3	8.6	0.2
-20		1.4	7.1	18.9	110.9	320.5	589.3	773.8	773.8	589.3	320.5	110.9	18.9	7.1	
-30	0.2	1.1	4.9	11.0	32.4	120.7	222.1	289.8	289.8	222.1	120.7	32.4	11.0	4.9	0.2
-40		0.6	2.9	7.8	14.3	26.8	60.4	91.1	91.1	60.4	26.8	14.3	7.8	2.9	
-50	0.1	0.3	1.5	4.3	9.1	15.0	20.6	23.9	23.9	20.6	15.0	9.1	4.3	1.5	0.1
-60		0.1	0.5	1.7	3.8	6.7	10.0	12.0	12.0	10.0	6.7	3.8	1.7	0.5	
-70	0.1	0.1	0.5	1.7	3.8	6.7	10.0	12.0	12.0	10.0	6.7	3.8	1.7	0.5	0.1
-80		0.1	0.5	1.7	3.8	6.7	10.0	12.0	12.0	10.0	6.7	3.8	1.7	0.5	
-90	0.1	0.4	1.4	3.6	5.1	3.6	1.4	0.4	0.1						

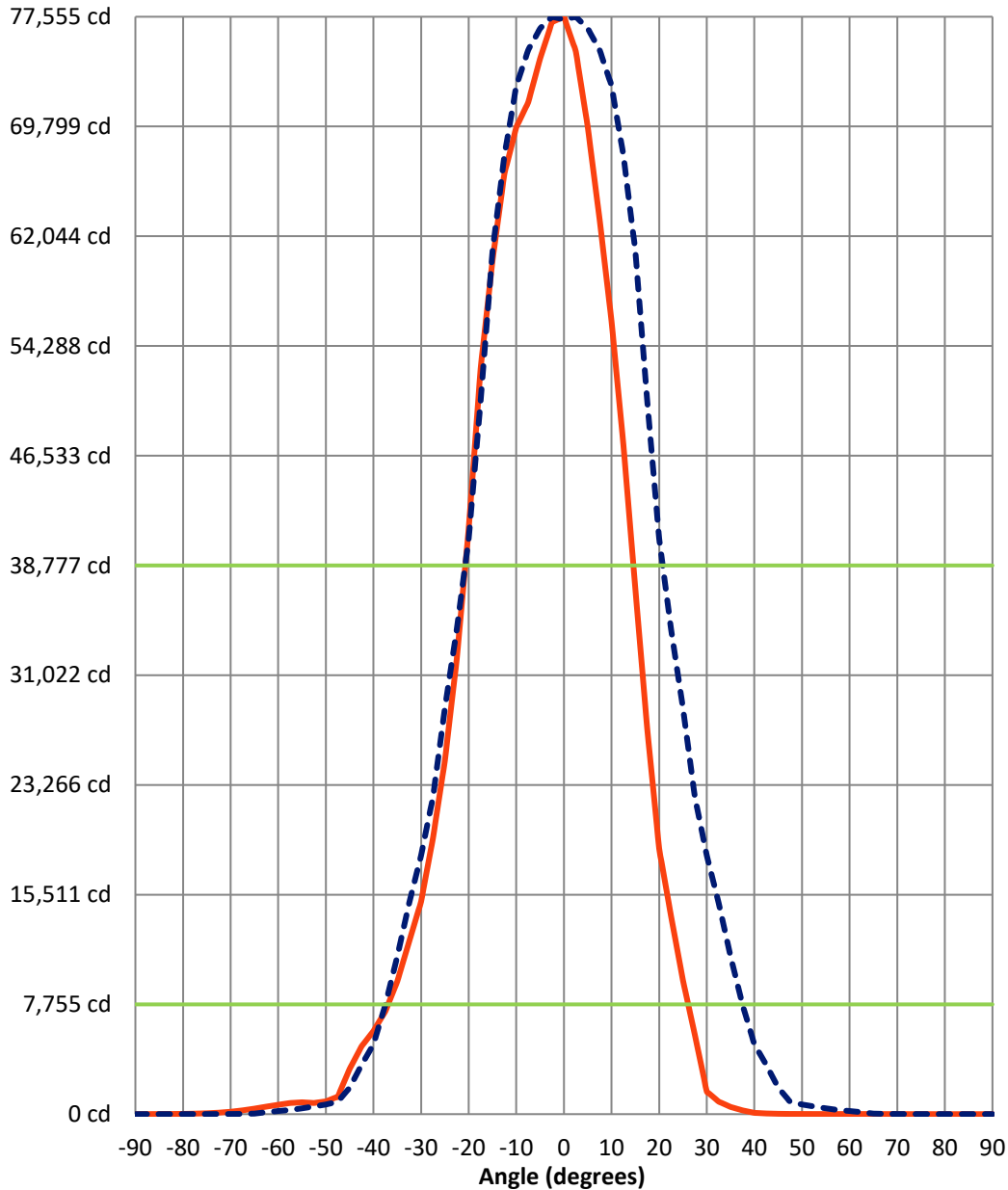
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 41.5°
 V Angle: 35.3°
 Lumens: 21052.3
 Efficiency: 55.0%

Field:
 H Angle: 75°
 V Angle: 63°
 Lumens: 35064.7
 Efficiency: 91.6%

Spill:
 Lumens: 3210.8
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.8	4.8	4.6
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.9	5.0	5.0	5.0
67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.3	5.2	5.4
65°	4.5	4.5	4.5	4.5	4.5	4.6	5.1	5.5	5.4	5.5	5.7
62.5°	4.5	4.5	4.5	4.5	4.5	4.9	5.4	5.6	5.6	5.7	5.7
60°	4.5	4.5	4.5	4.5	4.5	5.1	5.7	5.7	5.7	5.7	5.7
57.5°	4.5	4.5	4.5	4.5	4.7	5.3	5.7	5.7	5.7	5.7	5.7
55°	4.5	4.5	4.5	4.5	4.8	5.5	5.7	5.7	5.7	5.7	5.7
52.5°	4.5	4.5	4.5	4.5	5.0	5.7	5.7	5.7	5.7	5.7	5.7
50°	4.5	4.5	4.5	4.5	5.2	5.7	5.7	5.7	5.7	5.7	6.0
47.5°	4.5	4.5	4.5	4.5	5.3	5.7	5.7	5.7	5.7	5.7	6.4
45°	4.5	4.5	4.5	4.6	5.5	5.7	5.7	5.7	5.7	6.0	6.8
42.5°	4.5	4.5	4.5	4.8	5.6	5.7	5.7	5.7	5.8	6.3	7.1
40°	4.5	4.5	4.5	4.8	5.7	5.7	5.7	5.8	6.0	6.6	7.4
37.5°	4.5	4.5	4.5	4.9	5.7	5.7	5.7	5.9	6.3	7.0	7.7
35°	4.5	4.5	4.5	5.0	5.7	5.7	5.7	6.1	6.6	7.4	8.0
32.5°	4.5	4.5	4.5	5.0	5.7	5.7	5.7	6.2	6.9	7.8	8.6
30°	4.5	4.5	4.5	5.0	5.7	5.7	5.8	6.4	7.2	8.3	9.2
27.5°	4.5	4.5	4.5	5.1	5.7	5.7	6.0	6.6	7.5	8.8	10.0
25°	4.5	4.5	4.5	5.0	5.6	5.7	6.1	6.9	7.9	9.3	10.8
22.5°	4.5	4.5	4.5	5.0	5.6	5.7	6.2	7.1	8.3	10.0	12.8
20°	4.5	4.5	4.5	5.0	5.6	5.7	6.4	7.3	8.7	10.7	14.7
17.5°	4.5	4.5	4.5	5.0	5.6	5.7	6.5	7.5	9.1	11.4	16.7
15°	4.5	4.5	4.5	4.9	5.6	5.7	6.6	7.6	9.5	12.1	18.6
12.5°	4.5	4.5	4.5	4.9	5.6	5.7	6.6	7.7	9.8	12.8	20.5
10°	4.5	4.5	4.5	4.8	5.7	5.7	6.7	7.8	10.2	13.8	23.1
7.5°	4.5	4.5	4.5	4.7	5.7	5.7	6.7	7.8	10.5	14.9	27.3
5°	4.5	4.5	4.5	4.7	5.7	5.7	6.8	7.9	10.8	16.0	31.5
2.5°	4.5	4.5	4.5	4.6	5.7	5.7	6.8	7.9	11.1	17.1	35.7
0°	4.5	4.5	4.5	4.5	5.7	5.7	6.8	7.9	11.3	18.1	39.6
-2.5°	4.5	4.5	4.5	4.6	5.7	5.9	7.2	9.0	14.4	24.8	51.2
-5°	4.5	4.5	4.5	4.7	5.7	6.2	7.7	10.0	17.3	31.2	62.0
-7.5°	4.5	4.5	4.5	4.7	5.7	6.4	8.1	10.9	19.9	37.1	71.9
-10°	4.5	4.5	4.5	4.8	5.7	6.6	8.4	11.8	22.2	42.2	80.4
-12.5°	4.5	4.5	4.5	4.9	5.6	6.8	8.8	12.6	24.1	46.6	86.4
-15°	4.5	4.5	4.5	4.9	5.6	6.9	9.1	13.2	26.0	50.3	90.5
-17.5°	4.5	4.5	4.5	5.0	5.6	7.0	9.3	14.1	27.8	53.0	93.2
-20°	4.5	4.5	4.5	5.0	5.6	7.0	9.6	15.1	28.9	54.7	94.5



REPORT NUMBER: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	4.5	4.5	5.0	5.6	7.0	9.9	15.8	29.4	55.2	94.2
-25°	4.5	4.5	4.5	5.0	5.6	7.0	10.1	16.2	29.1	54.5	92.3
-27.5°	4.5	4.5	4.5	5.1	5.7	6.9	10.1	16.2	27.9	53.1	91.2
-30°	4.5	4.5	4.5	5.0	5.7	6.8	9.9	15.9	27.3	51.8	88.5
-32.5°	4.5	4.5	4.5	5.0	5.8	6.6	9.6	15.6	26.9	49.3	84.1
-35°	4.5	4.5	4.5	5.0	5.8	6.4	9.3	15.2	26.0	45.6	77.9
-37.5°	4.5	4.5	4.5	4.9	5.8	6.3	9.0	14.5	24.4	40.7	68.7
-40°	4.5	4.5	4.5	4.8	5.9	6.3	8.6	13.5	22.3	37.4	60.1
-42.5°	4.5	4.5	4.5	4.8	5.8	6.3	8.2	12.1	20.5	33.6	51.2
-45°	4.5	4.5	4.5	4.7	5.7	6.4	7.7	11.0	18.6	29.3	42.5
-47.5°	4.5	4.5	4.5	4.6	5.6	6.3	7.2	10.3	16.3	24.7	37.3
-50°	4.5	4.5	4.5	4.6	5.5	6.3	7.0	9.5	13.5	21.5	31.9
-52.5°	4.5	4.5	4.5	4.6	5.4	6.3	7.0	8.6	11.8	17.9	26.2
-55°	4.5	4.5	4.5	4.6	5.2	6.1	6.8	7.8	10.5	14.2	21.9
-57.5°	4.5	4.5	4.5	4.7	5.1	5.9	6.7	7.6	9.2	12.1	17.3
-60°	4.5	4.5	4.5	4.7	4.9	5.8	6.6	7.3	8.1	10.5	13.4
-62.5°	4.5	4.5	4.5	4.7	5.0	5.6	6.3	7.1	7.8	8.8	11.4
-65°	4.5	4.5	4.5	4.7	5.0	5.4	6.1	6.8	7.5	8.2	9.4
-67.5°	4.5	4.5	4.5	4.7	5.0	5.3	5.9	6.5	7.2	7.9	8.5
-70°	4.5	4.5	4.5	4.7	5.0	5.3	5.6	6.3	6.9	7.5	8.1
-72.5°	4.5	4.5	4.5	4.7	5.0	5.3	5.6	6.0	6.6	7.1	7.7
-75°	4.5	4.5	4.5	4.7	5.1	5.4	5.6	5.9	6.2	6.7	7.3
-77.5°	4.5	4.5	4.5	4.7	5.0	5.4	5.7	5.8	6.1	6.4	6.9
-80°	4.5	4.5	4.5	4.6	4.9	5.3	5.7	5.7	5.9	6.1	6.4
-82.5°	4.5	4.5	4.5	4.6	4.8	5.1	5.4	5.6	5.7	5.8	6.0
-85°	4.5	4.5	4.5	4.6	4.7	4.9	5.1	5.2	5.3	5.4	5.5
-87.5°	4.5	4.5	4.5	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.0
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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 CATALOG NUMBER: EPH-08-320N-40-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.4	3.4	3.4
87.5°	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.4	3.1	2.9	2.6
85°	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.3	3.1	3.1
82.5°	4.5	4.5	4.5	4.5	4.3	4.0	3.7	3.4	3.4	3.4	3.4
80°	4.5	4.5	4.5	4.5	4.3	4.0	3.7	3.4	3.4	3.4	3.5
77.5°	4.5	4.5	4.5	4.5	4.3	4.1	4.0	4.0	4.0	3.9	3.7
75°	4.5	4.5	4.6	4.5	4.4	4.4	4.5	4.5	4.3	4.1	3.8
72.5°	4.7	4.8	4.8	4.6	4.5	4.5	4.5	4.5	4.6	4.7	4.6
70°	5.2	5.2	5.0	4.7	4.5	4.6	5.1	5.8	6.3	6.2	6.1
67.5°	5.6	5.3	5.0	4.8	5.0	5.5	6.3	7.2	8.0	8.0	8.3
65°	5.7	5.4	5.2	5.4	5.7	6.6	7.6	8.6	11.0	12.5	13.3
62.5°	5.7	5.5	5.6	6.0	6.8	7.9	9.4	12.1	16.0	18.0	17.4
60°	5.7	5.7	6.1	6.9	7.8	8.9	11.4	15.2	20.2	23.7	21.6
57.5°	5.7	6.0	6.7	7.6	8.4	9.3	12.7	17.4	23.2	29.5	25.6
55°	5.9	6.5	7.3	8.1	8.9	9.7	13.2	18.6	25.1	28.9	25.2
52.5°	6.3	6.9	7.7	8.5	9.4	10.3	12.9	18.0	22.0	24.9	23.1
50°	6.7	7.3	8.1	9.0	10.0	11.0	11.4	15.6	18.7	20.1	20.0
47.5°	7.1	7.8	8.5	9.5	10.8	11.6	11.6	13.7	16.0	17.4	16.2
45°	7.5	8.2	8.9	10.4	11.7	12.5	13.1	12.6	16.3	17.3	16.6
42.5°	7.9	8.6	10.0	11.3	13.0	14.9	15.9	17.2	19.0	20.8	20.3
40°	8.2	9.0	11.3	14.0	15.2	18.6	22.0	24.1	24.8	26.4	26.4
37.5°	8.6	10.5	14.0	19.6	19.6	24.8	29.6	34.4	35.8	33.2	37.6
35°	8.9	12.1	21.2	27.9	29.0	32.9	40.8	48.1	52.5	50.0	54.1
32.5°	9.9	13.8	30.5	37.5	44.6	48.1	53.8	69.5	84.7	89.3	81.3
30°	11.7	22.4	41.1	48.2	64.7	75.6	79.0	100.2	132.0	159.8	214.5
27.5°	13.9	32.8	51.1	66.0	89.9	109.4	118.0	152.7	207.0	280.2	437.7
25°	16.3	43.8	61.6	88.8	122.8	145.6	159.6	208.6	299.7	533.4	827.7
22.5°	22.1	55.1	75.0	114.2	160.0	179.7	209.3	276.1	428.9	817.4	1305.6
20°	31.0	65.7	94.0	139.2	199.8	212.4	255.2	340.8	605.9	1194.3	1780.9
17.5°	39.9	77.6	114.8	168.7	230.5	255.8	299.7	399.8	754.4	1666.6	2397.9
15°	48.4	90.6	134.5	198.7	266.3	316.3	383.4	532.6	1038.1	2225.9	3214.7
12.5°	56.5	104.2	152.9	228.5	307.7	380.4	479.5	749.1	1544.2	2879.3	4355.1
10°	64.1	118.1	169.9	257.6	353.1	446.8	579.0	986.0	2055.6	3447.9	5258.0
7.5°	81.7	139.3	189.0	285.4	400.7	514.0	679.5	1232.4	2517.2	3929.0	6012.5
5°	101.1	167.8	225.4	329.0	450.7	577.3	771.5	1476.5	2921.9	4325.4	6692.1
2.5°	120.2	195.4	260.9	372.4	498.7	632.2	828.5	1689.3	3239.4	4660.7	7278.6
0°	137.9	221.5	295.0	412.5	542.5	682.6	877.0	1875.0	3481.0	4932.2	7740.8
-2.5°	159.6	249.4	332.7	450.7	557.2	684.1	877.8	1806.4	3533.6	5188.8	7567.4
-5°	178.3	274.9	367.7	485.4	570.3	682.0	870.7	1701.6	3504.6	5326.2	7427.6
-7.5°	193.4	297.5	399.3	513.1	582.4	689.1	887.7	1724.7	3456.3	5326.1	7340.0
-10°	202.1	304.0	399.5	511.6	590.2	698.0	899.3	1683.9	3309.0	5215.8	7161.8
-12.5°	194.3	296.0	391.2	504.9	595.2	699.8	895.5	1568.7	3060.7	4991.0	6939.3
-15°	185.1	286.4	379.5	492.6	597.0	693.7	874.7	1371.1	2653.7	4506.7	6671.0
-17.5°	174.8	275.4	364.2	474.2	595.5	679.1	823.8	1058.5	2127.0	3830.2	6055.4
-20°	163.8	263.2	345.2	449.4	587.3	645.4	746.5	939.0	1678.2	3071.8	5087.5



REPORT NUMBER: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152.6	250.0	325.3	425.0	539.8	604.8	674.3	812.9	1186.5	2219.2	3836.0
-25°	146.2	233.4	308.1	392.7	491.2	566.9	601.6	688.9	876.0	1629.1	2800.5
-27.5°	143.2	217.5	286.8	359.4	446.7	527.2	552.7	609.1	748.9	1050.9	1891.9
-30°	138.2	196.0	263.4	327.7	407.8	479.6	516.8	552.6	641.8	805.1	1270.9
-32.5°	127.3	174.1	238.2	300.3	369.5	439.1	495.1	529.4	585.6	670.9	825.4
-35°	113.8	158.0	212.5	270.7	331.6	401.5	464.7	514.9	542.1	600.9	704.3
-37.5°	101.5	140.4	186.8	240.8	297.6	362.3	431.8	486.6	526.6	554.7	628.9
-40°	88.4	121.6	164.8	212.8	263.9	323.0	387.0	450.7	501.3	543.4	576.3
-42.5°	75.2	106.5	142.9	185.2	233.6	285.4	340.4	402.8	465.6	520.4	561.9
-45°	64.9	90.8	120.8	161.3	203.9	249.1	298.9	350.6	418.0	480.0	531.8
-47.5°	54.1	75.6	103.2	136.8	175.9	216.2	258.2	309.9	365.9	427.1	486.1
-50°	44.3	63.5	85.6	115.9	149.4	185.0	222.3	269.6	321.2	373.4	427.4
-52.5°	37.8	51.1	71.5	95.3	124.9	156.7	191.1	231.4	277.2	324.9	372.8
-55°	31.0	42.5	57.7	77.7	100.9	129.4	161.8	196.8	232.8	276.2	319.2
-57.5°	25.0	34.8	46.8	61.6	80.8	102.2	132.2	163.5	196.4	230.0	265.8
-60°	19.4	27.6	37.7	49.2	62.4	81.3	102.8	129.7	159.1	188.6	218.7
-62.5°	14.2	20.8	29.1	38.6	49.6	61.4	78.7	99.1	121.0	145.6	170.9
-65°	11.9	14.8	20.8	28.7	37.5	47.8	59.1	71.2	89.0	106.6	124.0
-67.5°	9.5	12.0	14.8	18.8	26.2	34.4	43.0	53.2	64.0	73.8	85.3
-70°	8.7	9.3	11.4	14.0	16.9	21.3	28.6	36.2	43.9	51.3	59.6
-72.5°	8.1	8.6	9.2	10.0	12.2	14.8	17.8	21.0	26.0	31.9	37.7
-75°	7.6	7.9	8.3	8.8	9.4	10.2	11.2	13.6	16.2	18.7	21.2
-77.5°	7.1	7.3	7.5	7.7	8.0	8.5	9.0	9.6	10.5	11.5	12.6
-80°	6.6	6.8	7.0	7.1	7.1	7.2	7.3	7.5	7.8	8.2	8.7
-82.5°	6.1	6.2	6.4	6.5	6.4	6.2	6.0	6.0	6.2	6.3	6.5
-85°	5.6	5.7	5.8	5.9	5.7	5.4	5.2	5.0	5.1	5.1	5.2
-87.5°	5.1	5.1	5.1	5.2	4.9	4.7	4.4	4.2	4.2	4.2	4.3
-90°	4.2	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.1	2.9	2.6



REPORT NUMBER: P1306030 (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°
90°	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.5	5.1	5.6
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7
85°	3.0	2.9	2.7	2.5	2.3	2.3	2.3	2.3	2.3	2.0	1.7
82.5°	3.4	3.1	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.0	1.7
80°	3.4	3.3	3.1	3.0	3.0	2.9	2.7	2.5	2.3	2.0	1.7
77.5°	3.5	3.4	3.4	3.4	3.4	3.2	2.9	2.6	2.3	2.0	1.7
75°	3.5	3.4	3.5	3.5	3.4	3.3	3.2	3.2	3.2	3.0	2.8
72.5°	4.4	4.2	4.2	4.1	3.9	3.8	3.8	3.6	3.5	3.4	3.3
70°	6.0	6.0	5.8	5.6	5.4	5.2	5.0	4.7	4.4	4.3	4.4
67.5°	8.9	9.1	9.0	8.6	7.7	6.9	6.5	6.0	5.6	5.6	5.9
65°	13.0	11.4	10.3	9.4	8.7	8.0	7.6	7.2	6.7	6.9	7.8
62.5°	15.5	12.1	10.4	9.7	9.3	8.9	8.3	7.8	7.6	7.8	8.6
60°	18.0	13.1	9.7	9.1	8.5	8.0	7.9	7.9	7.9	8.0	8.4
57.5°	19.3	13.3	8.9	8.6	8.3	8.0	8.0	8.1	8.0	7.9	8.3
55°	18.9	13.4	9.2	8.8	8.7	8.8	8.8	8.4	8.1	7.9	8.2
52.5°	17.2	12.9	9.9	9.1	9.1	8.6	7.9	8.4	8.8	9.2	9.7
50°	15.3	12.2	10.6	9.9	9.9	10.0	10.0	10.6	11.2	11.5	11.9
47.5°	14.0	12.3	12.2	11.9	12.2	12.9	13.2	13.8	15.5	16.3	16.7
45°	14.2	15.0	15.6	16.2	16.2	19.4	21.7	22.9	24.4	25.8	26.9
42.5°	19.2	21.3	23.3	26.2	28.0	33.3	36.1	32.6	39.9	46.1	47.6
40°	29.3	32.5	39.4	47.1	56.5	60.5	79.3	80.1	88.3	108.7	115.3
37.5°	44.6	53.6	77.8	98.3	130.8	150.1	174.0	197.0	215.4	234.3	247.3
35°	69.5	115.7	152.2	216.0	259.6	281.7	310.1	344.0	358.4	418.0	463.5
32.5°	148.5	231.5	330.4	381.4	438.6	482.4	476.3	617.4	671.8	761.4	834.2
30°	274.5	472.7	738.2	738.2	727.9	969.3	1057.7	1240.0	1426.9	1551.4	1849.1
27.5°	634.5	1055.1	1475.7	1484.1	1666.3	2170.4	2457.4	2543.7	3354.7	3875.5	4585.9
25°	1169.2	1861.6	2441.6	2711.5	3252.6	4073.8	4560.0	5139.6	6350.1	7729.4	8600.1
22.5°	1741.4	2479.2	3350.8	3965.5	5002.5	6058.9	6943.0	8222.2	9849.0	11388.1	12429.4
20°	2172.1	3038.8	4270.0	5561.1	6874.8	8199.1	9572.5	11330.1	13532.4	15406.6	17100.4
17.5°	3050.2	3966.7	5632.9	7389.1	9172.0	10586.9	12755.7	14863.8	17546.8	20266.4	22372.7
15°	4349.6	5826.9	7493.9	9772.0	12279.7	14444.8	16744.4	20443.8	23707.9	27203.2	30326.2
12.5°	6017.1	7975.0	10184.1	12803.9	16090.7	19488.5	22995.7	26900.5	31169.7	35368.2	39825.0
10°	7574.0	10264.9	13117.0	16340.7	20101.9	24392.8	28678.0	33102.4	39034.8	44411.6	49177.5
7.5°	8649.0	11818.1	15318.8	19258.9	23901.5	28465.3	33305.8	39321.4	46252.1	52349.0	57233.1
5°	9614.3	13205.4	16700.8	20684.0	26081.6	31298.0	37017.4	44339.3	52228.8	58914.8	63782.4
2.5°	10454.7	14319.2	17713.7	21726.5	27652.6	33080.0	39325.5	48051.5	57242.5	63939.6	69075.5
0°	11146.1	14917.6	18286.8	22419.9	28685.8	34275.8	40683.0	50386.9	60966.8	67732.2	72669.0
-2.5°	10476.7	13898.1	17223.8	21410.1	27724.5	33449.4	40374.4	50245.0	60628.0	67924.9	73022.2
-5°	9971.1	13095.6	16252.7	20395.1	25948.8	31257.3	37755.5	47906.7	58835.1	66208.0	71365.8
-7.5°	9579.3	12306.1	15176.5	18990.9	24071.4	29700.7	36668.1	46462.4	56789.0	64245.8	68919.2
-10°	9152.2	11494.7	14623.0	18467.6	23408.0	28774.7	34964.3	44024.5	54458.5	61633.1	67106.7
-12.5°	9022.1	11495.5	14646.5	17984.7	22529.0	27682.8	33584.0	41301.3	49298.8	56822.2	61622.4
-15°	8812.3	11322.3	14406.1	17545.7	21665.6	26629.2	31555.4	37258.6	43943.1	49379.3	54393.7
-17.5°	8400.9	10812.9	13130.4	16064.2	20074.0	24675.4	28408.1	32893.3	37716.0	41861.3	45643.7
-20°	7416.1	9056.4	11252.9	14019.4	17455.7	21181.7	24580.3	27816.3	30915.6	34073.6	36261.2



REPORT NUMBER: P1306030 (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°	5674.7	7249.8	9091.4	11389.5	14113.6	17360.8	20364.1	22555.9	25021.2	27295.1	29164.7
-25°	4149.9	5303.9	7022.8	8983.7	10761.4	13362.2	15667.1	17147.3	19311.3	21011.2	22629.6
-27.5°	3001.0	4131.2	5532.9	7082.4	8415.2	9812.5	11847.1	13260.5	14962.5	16266.0	17615.9
-30°	2048.3	3293.0	4584.8	5852.2	6866.2	7921.7	9049.3	10443.5	11809.8	12905.0	13880.1
-32.5°	1420.7	2322.6	3585.0	4765.9	5682.3	6487.1	7228.0	8287.2	9309.7	10201.0	10931.9
-35°	870.4	1510.0	2384.3	3508.8	4477.6	5251.1	5934.3	6609.0	7263.1	7933.8	8498.8
-37.5°	736.4	889.0	1433.9	2208.1	3131.0	3991.8	4661.1	5218.1	5711.9	6222.3	6624.1
-40°	650.8	742.0	878.8	1162.0	1871.9	2587.5	3309.1	3908.6	4451.6	4904.2	5256.1
-42.5°	594.3	655.4	721.9	833.0	964.6	1315.4	1936.0	2541.1	3130.1	3624.0	4038.0
-45°	576.7	607.4	643.4	702.8	757.3	864.1	979.3	1098.6	1566.9	2063.8	2501.6
-47.5°	536.9	586.0	618.7	644.2	674.5	722.8	767.1	823.5	931.0	1037.7	1124.8
-50°	483.9	537.7	582.8	626.6	657.5	678.6	694.7	723.9	766.8	808.4	842.1
-52.5°	419.9	472.0	524.4	577.7	621.6	662.2	700.4	726.8	746.8	763.8	772.6
-55°	361.6	405.2	449.0	502.6	555.6	606.6	655.5	697.2	736.1	772.4	793.0
-57.5°	304.8	342.2	381.3	429.2	476.3	522.6	570.1	618.2	665.2	709.2	734.6
-60°	250.5	283.8	319.2	357.8	398.7	441.5	482.3	523.1	563.5	599.3	620.4
-62.5°	197.4	225.4	254.2	284.7	316.9	350.6	384.5	418.8	453.0	481.8	499.5
-65°	143.4	166.2	188.2	210.5	233.1	258.6	285.5	311.7	336.9	356.7	369.6
-67.5°	100.3	115.0	128.5	141.6	157.6	175.8	195.1	213.9	232.0	245.6	254.8
-70°	68.1	76.3	83.7	92.3	102.7	113.6	124.9	135.8	146.2	154.1	160.2
-72.5°	43.5	48.9	54.2	60.0	65.7	71.9	78.5	84.7	90.5	94.6	97.8
-75°	23.5	26.4	30.7	34.7	38.5	43.0	47.7	52.0	56.1	58.3	59.7
-77.5°	14.4	16.4	18.2	20.0	21.6	24.1	26.8	29.5	32.2	33.5	34.4
-80°	9.4	10.3	11.3	12.2	13.2	14.6	16.1	17.6	19.1	19.6	19.9
-82.5°	6.7	7.0	7.3	7.7	8.1	9.0	9.9	10.9	11.9	12.6	13.3
-85°	5.3	5.3	5.4	5.4	5.5	6.0	6.5	7.1	7.7	8.0	8.3
-87.5°	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.8	5.1
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.7



REPORT NUMBER: P1306030 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.2	6.8	6.3	5.7	6.3	6.8	6.2	5.6	5.1	4.5	4.2
87.5°	1.4	1.1	0.6	0.0	0.6	1.1	1.4	1.7	2.0	2.3	2.3
85°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.3
82.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.3
80°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.5
77.5°	1.4	1.1	1.7	2.3	1.7	1.1	1.4	1.7	2.0	2.3	2.6
75°	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.8	3.0	3.2	3.2
72.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.5	3.6
70°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.4	4.7
67.5°	6.3	6.7	6.8	6.8	6.8	6.7	6.3	5.9	5.6	5.6	6.0
65°	8.8	9.9	9.6	9.0	9.6	9.9	8.8	7.8	6.9	6.7	7.2
62.5°	9.4	10.1	10.2	10.2	10.2	10.1	9.4	8.6	7.8	7.6	7.8
60°	8.7	9.0	9.0	9.0	9.0	9.0	8.7	8.4	8.0	7.9	7.9
57.5°	8.6	8.9	9.0	9.0	9.0	8.9	8.6	8.3	7.9	8.0	8.1
55°	8.5	8.9	9.0	9.0	9.0	8.9	8.5	8.2	7.9	8.1	8.4
52.5°	9.9	10.1	10.2	10.2	10.2	10.1	9.9	9.7	9.2	8.8	8.4
50°	12.6	13.2	12.8	11.3	12.8	13.2	12.6	11.9	11.5	11.2	10.6
47.5°	16.7	16.2	15.7	15.8	15.7	16.2	16.7	16.7	16.3	15.5	13.8
45°	27.3	27.0	26.9	27.1	26.9	27.0	27.3	26.9	25.8	24.4	22.9
42.5°	49.2	49.4	48.6	47.5	48.6	49.4	49.2	47.6	46.1	39.9	32.6
40°	115.0	105.4	92.4	84.8	92.4	105.4	115.0	115.3	108.7	88.3	80.1
37.5°	259.1	266.6	267.3	262.2	267.3	266.6	259.1	247.3	234.3	215.4	197.0
35°	492.3	509.9	510.9	501.8	510.9	509.9	492.3	463.5	418.0	358.4	344.0
32.5°	833.0	872.7	887.6	883.8	887.6	872.7	833.0	834.2	761.4	671.8	617.4
30°	1710.6	1722.5	1600.7	1377.7	1600.7	1722.5	1710.6	1849.1	1551.4	1426.9	1240.0
27.5°	4971.3	5430.2	5596.7	5523.3	5596.7	5430.2	4971.3	4585.9	3875.5	3354.7	2543.7
25°	8850.2	9152.5	9454.3	9489.2	9454.3	9152.5	8850.2	8600.1	7729.4	6350.1	5139.6
22.5°	13150.6	13580.2	13988.0	13894.8	13988.0	13580.2	13150.6	12429.4	11388.1	9849.0	8222.2
20°	18176.2	18472.5	18773.5	18440.5	18773.5	18472.5	18176.2	17100.4	15406.6	13532.4	11330.1
17.5°	24579.2	25974.2	27212.7	26652.6	27212.7	25974.2	24579.2	22372.7	20266.4	17546.8	14863.8
15°	33266.7	35694.8	37119.0	37043.7	37119.0	35694.8	33266.7	30326.2	27203.2	23707.9	20443.8
12.5°	43277.8	45815.3	47268.7	46968.1	47268.7	45815.3	43277.8	39825.0	35368.2	31169.7	26900.5
10°	52310.0	54302.6	56029.4	56705.9	56029.4	54302.6	52310.0	49177.5	44411.6	39034.8	33102.4
7.5°	60287.7	61772.4	63212.8	63470.2	63212.8	61772.4	60287.7	57233.1	52349.0	46252.1	39321.4
5°	66855.0	68958.4	69772.6	70095.5	69772.6	68958.4	66855.0	63782.4	58914.8	52228.8	44339.3
2.5°	72155.3	74079.3	75097.8	74797.1	75097.8	74079.3	72155.3	69075.5	63939.6	57242.5	48051.5
0°	75200.0	76723.0	77554.8	77355.9	77554.8	76723.0	75200.0	72669.0	67732.2	60966.8	50386.9
-2.5°	75500.1	76524.2	77174.9	76919.7	77174.9	76524.2	75500.1	73022.2	67924.9	60628.0	50245.0
-5°	73423.8	74257.1	74599.0	74745.1	74599.0	74257.1	73423.8	71365.8	66208.0	58835.1	47906.7
-7.5°	70562.9	71682.3	71512.0	71806.6	71512.0	71682.3	70562.9	68919.2	64245.8	56789.0	46462.4
-10°	68858.9	69892.1	69742.5	69822.0	69742.5	69892.1	68858.9	67106.7	61633.1	54458.5	44024.5
-12.5°	64724.6	66224.6	66454.9	66713.3	66454.9	66224.6	64724.6	61622.4	56822.2	49298.8	41301.3
-15°	57685.1	59333.3	60329.9	60554.3	60329.9	59333.3	57685.1	54393.7	49379.3	43943.1	37258.6
-17.5°	48788.3	51067.8	52670.4	53042.9	52670.4	51067.8	48788.3	45643.7	41861.3	37716.0	32893.3
-20°	38932.9	40564.7	41395.0	41842.5	41395.0	40564.7	38932.9	36261.2	34073.6	30915.6	27816.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30643.7	31721.3	32183.9	32259.5	32183.9	31721.3	30643.7	29164.7	27295.1	25021.2	22555.9
-25°	23940.1	24674.6	24989.4	25454.5	24989.4	24674.6	23940.1	22629.6	21011.2	19311.3	17147.3
-27.5°	18578.4	19224.2	19512.1	19940.3	19512.1	19224.2	18578.4	17615.9	16266.0	14962.5	13260.5
-30°	14537.9	14927.0	15024.1	15045.3	15024.1	14927.0	14537.9	13880.1	12905.0	11809.8	10443.5
-32.5°	11499.5	11937.6	12199.3	12315.9	12199.3	11937.6	11499.5	10931.9	10201.0	9309.7	8287.2
-35°	8922.0	9210.8	9382.7	9576.2	9382.7	9210.8	8922.0	8498.8	7933.8	7263.1	6609.0
-37.5°	6936.5	7150.7	7269.2	7309.1	7269.2	7150.7	6936.5	6624.1	6222.3	5711.9	5218.1
-40°	5536.7	5749.4	5877.1	5896.3	5877.1	5749.4	5536.7	5256.1	4904.2	4451.6	3908.6
-42.5°	4352.6	4617.6	4788.9	4828.2	4788.9	4617.6	4352.6	4038.0	3624.0	3130.1	2541.1
-45°	2821.8	3068.4	3198.9	3190.6	3198.9	3068.4	2821.8	2501.6	2063.8	1566.9	1098.6
-47.5°	1180.6	1220.3	1237.4	1231.9	1237.4	1220.3	1180.6	1124.8	1037.7	931.0	823.5
-50°	868.7	891.2	903.6	906.4	903.6	891.2	868.7	842.1	808.4	766.8	723.9
-52.5°	780.0	788.3	791.2	791.1	791.2	788.3	780.0	772.6	763.8	746.8	726.8
-55°	812.1	830.3	837.4	837.5	837.4	830.3	812.1	793.0	772.4	736.1	697.2
-57.5°	757.8	778.2	787.6	790.0	787.6	778.2	757.8	734.6	709.2	665.2	618.2
-60°	639.3	655.8	662.9	664.6	662.9	655.8	639.3	620.4	599.3	563.5	523.1
-62.5°	514.7	527.2	531.0	530.1	531.0	527.2	514.7	499.5	481.8	453.0	418.8
-65°	380.4	388.9	389.6	386.5	389.6	388.9	380.4	369.6	356.7	336.9	311.7
-67.5°	262.0	267.5	267.7	265.6	267.7	267.5	262.0	254.8	245.6	232.0	213.9
-70°	165.3	169.5	169.7	168.4	169.7	169.5	165.3	160.2	154.1	146.2	135.8
-72.5°	100.5	102.8	104.7	106.2	104.7	102.8	100.5	97.8	94.6	90.5	84.7
-75°	60.8	61.6	61.5	61.0	61.5	61.6	60.8	59.7	58.3	56.1	52.0
-77.5°	35.2	35.9	37.2	38.4	37.2	35.9	35.2	34.4	33.5	32.2	29.5
-80°	20.1	20.2	20.9	21.5	20.9	20.2	20.1	19.9	19.6	19.1	17.6
-82.5°	14.0	14.6	14.7	14.7	14.7	14.6	14.0	13.3	12.6	11.9	10.9
-85°	8.7	9.0	9.6	10.2	9.6	9.0	8.7	8.3	8.0	7.7	7.1
-87.5°	5.4	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.8	4.5	4.5
-90°	1.4	1.1	0.5	0.0	0.5	1.1	1.4	1.7	2.0	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.1	3.4
85°	2.3	2.3	2.3	2.5	2.7	2.9	3.0	3.1	3.1	3.3	3.4
82.5°	2.3	2.3	2.3	2.6	2.9	3.1	3.4	3.4	3.4	3.4	3.4
80°	2.7	2.9	3.0	3.0	3.1	3.3	3.4	3.5	3.4	3.4	3.4
77.5°	2.9	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.9	4.0	4.0
75°	3.2	3.3	3.4	3.5	3.5	3.4	3.5	3.8	4.1	4.3	4.5
72.5°	3.8	3.8	3.9	4.1	4.2	4.2	4.4	4.6	4.7	4.6	4.5
70°	5.0	5.2	5.4	5.6	5.8	6.0	6.0	6.1	6.2	6.3	5.8
67.5°	6.5	6.9	7.7	8.6	9.0	9.1	8.9	8.3	8.0	8.0	7.2
65°	7.6	8.0	8.7	9.4	10.3	11.4	13.0	13.3	12.5	11.0	8.6
62.5°	8.3	8.9	9.3	9.7	10.4	12.1	15.5	17.4	18.0	16.0	12.1
60°	7.9	8.0	8.5	9.1	9.7	13.1	18.0	21.6	23.7	20.2	15.2
57.5°	8.0	8.0	8.3	8.6	8.9	13.3	19.3	25.6	29.5	23.2	17.4
55°	8.8	8.8	8.7	8.8	9.2	13.4	18.9	25.2	28.9	25.1	18.6
52.5°	7.9	8.6	9.1	9.1	9.9	12.9	17.2	23.1	24.9	22.0	18.0
50°	10.0	10.0	9.9	9.9	10.6	12.2	15.3	20.0	20.1	18.7	15.6
47.5°	13.2	12.9	12.2	11.9	12.2	12.3	14.0	16.2	17.4	16.0	13.7
45°	21.7	19.4	16.2	16.2	15.6	15.0	14.2	16.6	17.3	16.3	12.6
42.5°	36.1	33.3	28.0	26.2	23.3	21.3	19.2	20.3	20.8	19.0	17.2
40°	79.3	60.5	56.5	47.1	39.4	32.5	29.3	26.4	26.4	24.8	24.1
37.5°	174.0	150.1	130.8	98.3	77.8	53.6	44.6	37.6	33.2	35.8	34.4
35°	310.1	281.7	259.6	216.0	152.2	115.7	69.5	54.1	50.0	52.5	48.1
32.5°	476.3	482.4	438.6	381.4	330.4	231.5	148.5	81.3	89.3	84.7	69.5
30°	1057.7	969.3	727.9	738.2	738.2	472.7	274.5	214.5	159.8	132.0	100.2
27.5°	2457.4	2170.4	1666.3	1484.1	1475.7	1055.1	634.5	437.7	280.2	207.0	152.7
25°	4560.0	4073.8	3252.6	2711.5	2441.6	1861.6	1169.2	827.7	533.4	299.7	208.6
22.5°	6943.0	6058.9	5002.5	3965.5	3350.8	2479.2	1741.4	1305.6	817.4	428.9	276.1
20°	9572.5	8199.1	6874.8	5561.1	4270.0	3038.8	2172.1	1780.9	1194.3	605.9	340.8
17.5°	12755.7	10586.9	9172.0	7389.1	5632.9	3966.7	3050.2	2397.9	1666.6	754.4	399.8
15°	16744.4	14444.8	12279.7	9772.0	7493.9	5826.9	4349.6	3214.7	2225.9	1038.1	532.6
12.5°	22995.7	19488.5	16090.7	12803.9	10184.1	7975.0	6017.1	4355.1	2879.3	1544.2	749.1
10°	28678.0	24392.8	20101.9	16340.7	13117.0	10264.9	7574.0	5258.0	3447.9	2055.6	986.0
7.5°	33305.8	28465.3	23901.5	19258.9	15318.8	11818.1	8649.0	6012.5	3929.0	2517.2	1232.4
5°	37017.4	31298.0	26081.6	20684.0	16700.8	13205.4	9614.3	6692.1	4325.4	2921.9	1476.5
2.5°	39325.5	33080.0	27652.6	21726.5	17713.7	14319.2	10454.7	7278.6	4660.7	3239.4	1689.3
0°	40683.0	34275.8	28685.8	22419.9	18286.8	14917.6	11146.1	7740.8	4932.2	3481.0	1875.0
-2.5°	40374.4	33449.4	27724.5	21410.1	17223.8	13898.1	10476.7	7567.4	5188.8	3533.6	1806.4
-5°	37755.5	31257.3	25948.8	20395.1	16252.7	13095.6	9971.1	7427.6	5326.2	3504.6	1701.6
-7.5°	36668.1	29700.7	24071.4	18990.9	15176.5	12306.1	9579.3	7340.0	5326.1	3456.3	1724.7
-10°	34964.3	28774.7	23408.0	18467.6	14623.0	11494.7	9152.2	7161.8	5215.8	3309.0	1683.9
-12.5°	33584.0	27682.8	22529.0	17984.7	14646.5	11495.5	9022.1	6939.3	4991.0	3060.7	1568.7
-15°	31555.4	26629.2	21665.6	17545.7	14406.1	11322.3	8812.3	6671.0	4506.7	2653.7	1371.1
-17.5°	28408.1	24675.4	20074.0	16064.2	13130.4	10812.9	8400.9	6055.4	3830.2	2127.0	1058.5
-20°	24580.3	21181.7	17455.7	14019.4	11252.9	9056.4	7416.1	5087.5	3071.8	1678.2	939.0



REPORT NUMBER: P1306030 (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°	20364.1	17360.8	14113.6	11389.5	9091.4	7249.8	5674.7	3836.0	2219.2	1186.5	812.9
-25°	15667.1	13362.2	10761.4	8983.7	7022.8	5303.9	4149.9	2800.5	1629.1	876.0	688.9
-27.5°	11847.1	9812.5	8415.2	7082.4	5532.9	4131.2	3001.0	1891.9	1050.9	748.9	609.1
-30°	9049.3	7921.7	6866.2	5852.2	4584.8	3293.0	2048.3	1270.9	805.1	641.8	552.6
-32.5°	7228.0	6487.1	5682.3	4765.9	3585.0	2322.6	1420.7	825.4	670.9	585.6	529.4
-35°	5934.3	5251.1	4477.6	3508.8	2384.3	1510.0	870.4	704.3	600.9	542.1	514.9
-37.5°	4661.1	3991.8	3131.0	2208.1	1433.9	889.0	736.4	628.9	554.7	526.6	486.6
-40°	3309.1	2587.5	1871.9	1162.0	878.8	742.0	650.8	576.3	543.4	501.3	450.7
-42.5°	1936.0	1315.4	964.6	833.0	721.9	655.4	594.3	561.9	520.4	465.6	402.8
-45°	979.3	864.1	757.3	702.8	643.4	607.4	576.7	531.8	480.0	418.0	350.6
-47.5°	767.1	722.8	674.5	644.2	618.7	586.0	536.9	486.1	427.1	365.9	309.9
-50°	694.7	678.6	657.5	626.6	582.8	537.7	483.9	427.4	373.4	321.2	269.6
-52.5°	700.4	662.2	621.6	577.7	524.4	472.0	419.9	372.8	324.9	277.2	231.4
-55°	655.5	606.6	555.6	502.6	449.0	405.2	361.6	319.2	276.2	232.8	196.8
-57.5°	570.1	522.6	476.3	429.2	381.3	342.2	304.8	265.8	230.0	196.4	163.5
-60°	482.3	441.5	398.7	357.8	319.2	283.8	250.5	218.7	188.6	159.1	129.7
-62.5°	384.5	350.6	316.9	284.7	254.2	225.4	197.4	170.9	145.6	121.0	99.1
-65°	285.5	258.6	233.1	210.5	188.2	166.2	143.4	124.0	106.6	89.0	71.2
-67.5°	195.1	175.8	157.6	141.6	128.5	115.0	100.3	85.3	73.8	64.0	53.2
-70°	124.9	113.6	102.7	92.3	83.7	76.3	68.1	59.6	51.3	43.9	36.2
-72.5°	78.5	71.9	65.7	60.0	54.2	48.9	43.5	37.7	31.9	26.0	21.0
-75°	47.7	43.0	38.5	34.7	30.7	26.4	23.5	21.2	18.7	16.2	13.6
-77.5°	26.8	24.1	21.6	20.0	18.2	16.4	14.4	12.6	11.5	10.5	9.6
-80°	16.1	14.6	13.2	12.2	11.3	10.3	9.4	8.7	8.2	7.8	7.5
-82.5°	9.9	9.0	8.1	7.7	7.3	7.0	6.7	6.5	6.3	6.2	6.0
-85°	6.5	6.0	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.0
-87.5°	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.1	3.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	3.6	3.8	3.9	4.0	4.1	4.2	4.4	4.5	4.5	4.5	4.5
85°	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82.5°	3.7	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	3.7	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.0	4.1	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.4	4.4	4.5	4.6	4.5	4.5	4.5	4.6	4.5	4.5
72.5°	4.5	4.5	4.5	4.6	4.8	4.8	4.7	4.6	4.8	4.8	4.6
70°	5.1	4.6	4.5	4.7	5.0	5.2	5.2	5.0	5.0	5.0	4.9
67.5°	6.3	5.5	5.0	4.8	5.0	5.3	5.6	5.4	5.2	5.3	5.2
65°	7.6	6.6	5.7	5.4	5.2	5.4	5.7	5.7	5.5	5.4	5.5
62.5°	9.4	7.9	6.8	6.0	5.6	5.5	5.7	5.7	5.7	5.6	5.6
60°	11.4	8.9	7.8	6.9	6.1	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	12.7	9.3	8.4	7.6	6.7	6.0	5.7	5.7	5.7	5.7	5.7
55°	13.2	9.7	8.9	8.1	7.3	6.5	5.9	5.7	5.7	5.7	5.7
52.5°	12.9	10.3	9.4	8.5	7.7	6.9	6.3	5.7	5.7	5.7	5.7
50°	11.4	11.0	10.0	9.0	8.1	7.3	6.7	6.0	5.7	5.7	5.7
47.5°	11.6	11.6	10.8	9.5	8.5	7.8	7.1	6.4	5.7	5.7	5.7
45°	13.1	12.5	11.7	10.4	8.9	8.2	7.5	6.8	6.0	5.7	5.7
42.5°	15.9	14.9	13.0	11.3	10.0	8.6	7.9	7.1	6.3	5.8	5.7
40°	22.0	18.6	15.2	14.0	11.3	9.0	8.2	7.4	6.6	6.0	5.8
37.5°	29.6	24.8	19.6	19.6	14.0	10.5	8.6	7.7	7.0	6.3	5.9
35°	40.8	32.9	29.0	27.9	21.2	12.1	8.9	8.0	7.4	6.6	6.1
32.5°	53.8	48.1	44.6	37.5	30.5	13.8	9.9	8.6	7.8	6.9	6.2
30°	79.0	75.6	64.7	48.2	41.1	22.4	11.7	9.2	8.3	7.2	6.4
27.5°	118.0	109.4	89.9	66.0	51.1	32.8	13.9	10.0	8.8	7.5	6.6
25°	159.6	145.6	122.8	88.8	61.6	43.8	16.3	10.8	9.3	7.9	6.9
22.5°	209.3	179.7	160.0	114.2	75.0	55.1	22.1	12.8	10.0	8.3	7.1
20°	255.2	212.4	199.8	139.2	94.0	65.7	31.0	14.7	10.7	8.7	7.3
17.5°	299.7	255.8	230.5	168.7	114.8	77.6	39.9	16.7	11.4	9.1	7.5
15°	383.4	316.3	266.3	198.7	134.5	90.6	48.4	18.6	12.1	9.5	7.6
12.5°	479.5	380.4	307.7	228.5	152.9	104.2	56.5	20.5	12.8	9.8	7.7
10°	579.0	446.8	353.1	257.6	169.9	118.1	64.1	23.1	13.8	10.2	7.8
7.5°	679.5	514.0	400.7	285.4	189.0	139.3	81.7	27.3	14.9	10.5	7.8
5°	771.5	577.3	450.7	329.0	225.4	167.8	101.1	31.5	16.0	10.8	7.9
2.5°	828.5	632.2	498.7	372.4	260.9	195.4	120.2	35.7	17.1	11.1	7.9
0°	877.0	682.6	542.5	412.5	295.0	221.5	137.9	39.6	18.1	11.3	7.9
-2.5°	877.8	684.1	557.2	450.7	332.7	249.4	159.6	51.2	24.8	14.4	9.0
-5°	870.7	682.0	570.3	485.4	367.7	274.9	178.3	62.0	31.2	17.3	10.0
-7.5°	887.7	689.1	582.4	513.1	399.3	297.5	193.4	71.9	37.1	19.9	10.9
-10°	899.3	698.0	590.2	511.6	399.5	304.0	202.1	80.4	42.2	22.2	11.8
-12.5°	895.5	699.8	595.2	504.9	391.2	296.0	194.3	86.4	46.6	24.1	12.6
-15°	874.7	693.7	597.0	492.6	379.5	286.4	185.1	90.5	50.3	26.0	13.2
-17.5°	823.8	679.1	595.5	474.2	364.2	275.4	174.8	93.2	53.0	27.8	14.1
-20°	746.5	645.4	587.3	449.4	345.2	263.2	163.8	94.5	54.7	28.9	15.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	674.3	604.8	539.8	425.0	325.3	250.0	152.6	94.2	55.2	29.4	15.8
-25°	601.6	566.9	491.2	392.7	308.1	233.4	146.2	92.3	54.5	29.1	16.2
-27.5°	552.7	527.2	446.7	359.4	286.8	217.5	143.2	91.2	53.1	27.9	16.2
-30°	516.8	479.6	407.8	327.7	263.4	196.0	138.2	88.5	51.8	27.3	15.9
-32.5°	495.1	439.1	369.5	300.3	238.2	174.1	127.3	84.1	49.3	26.9	15.6
-35°	464.7	401.5	331.6	270.7	212.5	158.0	113.8	77.9	45.6	26.0	15.2
-37.5°	431.8	362.3	297.6	240.8	186.8	140.4	101.5	68.7	40.7	24.4	14.5
-40°	387.0	323.0	263.9	212.8	164.8	121.6	88.4	60.1	37.4	22.3	13.5
-42.5°	340.4	285.4	233.6	185.2	142.9	106.5	75.2	51.2	33.6	20.5	12.1
-45°	298.9	249.1	203.9	161.3	120.8	90.8	64.9	42.5	29.3	18.6	11.0
-47.5°	258.2	216.2	175.9	136.8	103.2	75.6	54.1	37.3	24.7	16.3	10.3
-50°	222.3	185.0	149.4	115.9	85.6	63.5	44.3	31.9	21.5	13.5	9.5
-52.5°	191.1	156.7	124.9	95.3	71.5	51.1	37.8	26.2	17.9	11.8	8.6
-55°	161.8	129.4	100.9	77.7	57.7	42.5	31.0	21.9	14.2	10.5	7.8
-57.5°	132.2	102.2	80.8	61.6	46.8	34.8	25.0	17.3	12.1	9.2	7.6
-60°	102.8	81.3	62.4	49.2	37.7	27.6	19.4	13.4	10.5	8.1	7.3
-62.5°	78.7	61.4	49.6	38.6	29.1	20.8	14.2	11.4	8.8	7.8	7.1
-65°	59.1	47.8	37.5	28.7	20.8	14.8	11.9	9.4	8.2	7.5	6.8
-67.5°	43.0	34.4	26.2	18.8	14.8	12.0	9.5	8.5	7.9	7.2	6.5
-70°	28.6	21.3	16.9	14.0	11.4	9.3	8.7	8.1	7.5	6.9	6.3
-72.5°	17.8	14.8	12.2	10.0	9.2	8.6	8.1	7.7	7.1	6.6	6.0
-75°	11.2	10.2	9.4	8.8	8.3	7.9	7.6	7.3	6.7	6.2	5.9
-77.5°	9.0	8.5	8.0	7.7	7.5	7.3	7.1	6.9	6.4	6.1	5.8
-80°	7.3	7.2	7.1	7.1	7.0	6.8	6.6	6.4	6.1	5.9	5.7
-82.5°	6.0	6.2	6.4	6.5	6.4	6.2	6.1	6.0	5.8	5.7	5.6
-85°	5.2	5.4	5.7	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
-87.5°	4.4	4.7	4.9	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9
-90°	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.5
65°	5.1	4.6	4.5	4.5	4.5	4.5	4.5
62.5°	5.4	4.9	4.5	4.5	4.5	4.5	4.5
60°	5.7	5.1	4.5	4.5	4.5	4.5	4.5
57.5°	5.7	5.3	4.7	4.5	4.5	4.5	4.5
55°	5.7	5.5	4.8	4.5	4.5	4.5	4.5
52.5°	5.7	5.7	5.0	4.5	4.5	4.5	4.5
50°	5.7	5.7	5.2	4.5	4.5	4.5	4.5
47.5°	5.7	5.7	5.3	4.5	4.5	4.5	4.5
45°	5.7	5.7	5.5	4.6	4.5	4.5	4.5
42.5°	5.7	5.7	5.6	4.8	4.5	4.5	4.5
40°	5.7	5.7	5.7	4.8	4.5	4.5	4.5
37.5°	5.7	5.7	5.7	4.9	4.5	4.5	4.5
35°	5.7	5.7	5.7	5.0	4.5	4.5	4.5
32.5°	5.7	5.7	5.7	5.0	4.5	4.5	4.5
30°	5.8	5.7	5.7	5.0	4.5	4.5	4.5
27.5°	6.0	5.7	5.7	5.1	4.5	4.5	4.5
25°	6.1	5.7	5.6	5.0	4.5	4.5	4.5
22.5°	6.2	5.7	5.6	5.0	4.5	4.5	4.5
20°	6.4	5.7	5.6	5.0	4.5	4.5	4.5
17.5°	6.5	5.7	5.6	5.0	4.5	4.5	4.5
15°	6.6	5.7	5.6	4.9	4.5	4.5	4.5
12.5°	6.6	5.7	5.6	4.9	4.5	4.5	4.5
10°	6.7	5.7	5.7	4.8	4.5	4.5	4.5
7.5°	6.7	5.7	5.7	4.7	4.5	4.5	4.5
5°	6.8	5.7	5.7	4.7	4.5	4.5	4.5
2.5°	6.8	5.7	5.7	4.6	4.5	4.5	4.5
0°	6.8	5.7	5.7	4.5	4.5	4.5	4.5
-2.5°	7.2	5.9	5.7	4.6	4.5	4.5	4.5
-5°	7.7	6.2	5.7	4.7	4.5	4.5	4.5
-7.5°	8.1	6.4	5.7	4.7	4.5	4.5	4.5
-10°	8.4	6.6	5.7	4.8	4.5	4.5	4.5
-12.5°	8.8	6.8	5.6	4.9	4.5	4.5	4.5
-15°	9.1	6.9	5.6	4.9	4.5	4.5	4.5
-17.5°	9.3	7.0	5.6	5.0	4.5	4.5	4.5
-20°	9.6	7.0	5.6	5.0	4.5	4.5	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.9	7.0	5.6	5.0	4.5	4.5	4.5
-25°	10.1	7.0	5.6	5.0	4.5	4.5	4.5
-27.5°	10.1	6.9	5.7	5.1	4.5	4.5	4.5
-30°	9.9	6.8	5.7	5.0	4.5	4.5	4.5
-32.5°	9.6	6.6	5.8	5.0	4.5	4.5	4.5
-35°	9.3	6.4	5.8	5.0	4.5	4.5	4.5
-37.5°	9.0	6.3	5.8	4.9	4.5	4.5	4.5
-40°	8.6	6.3	5.9	4.8	4.5	4.5	4.5
-42.5°	8.2	6.3	5.8	4.8	4.5	4.5	4.5
-45°	7.7	6.4	5.7	4.7	4.5	4.5	4.5
-47.5°	7.2	6.3	5.6	4.6	4.5	4.5	4.5
-50°	7.0	6.3	5.5	4.6	4.5	4.5	4.5
-52.5°	7.0	6.3	5.4	4.6	4.5	4.5	4.5
-55°	6.8	6.1	5.2	4.6	4.5	4.5	4.5
-57.5°	6.7	5.9	5.1	4.7	4.5	4.5	4.5
-60°	6.6	5.8	4.9	4.7	4.5	4.5	4.5
-62.5°	6.3	5.6	5.0	4.7	4.5	4.5	4.5
-65°	6.1	5.4	5.0	4.7	4.5	4.5	4.5
-67.5°	5.9	5.3	5.0	4.7	4.5	4.5	4.5
-70°	5.6	5.3	5.0	4.7	4.5	4.5	4.5
-72.5°	5.6	5.3	5.0	4.7	4.5	4.5	4.5
-75°	5.6	5.4	5.1	4.7	4.5	4.5	4.5
-77.5°	5.7	5.4	5.0	4.7	4.5	4.5	4.5
-80°	5.7	5.3	4.9	4.6	4.5	4.5	4.5
-82.5°	5.4	5.1	4.8	4.6	4.5	4.5	4.5
-85°	5.1	4.9	4.7	4.6	4.5	4.5	4.5
-87.5°	4.8	4.7	4.6	4.5	4.5	4.5	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)