

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: P1306326 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

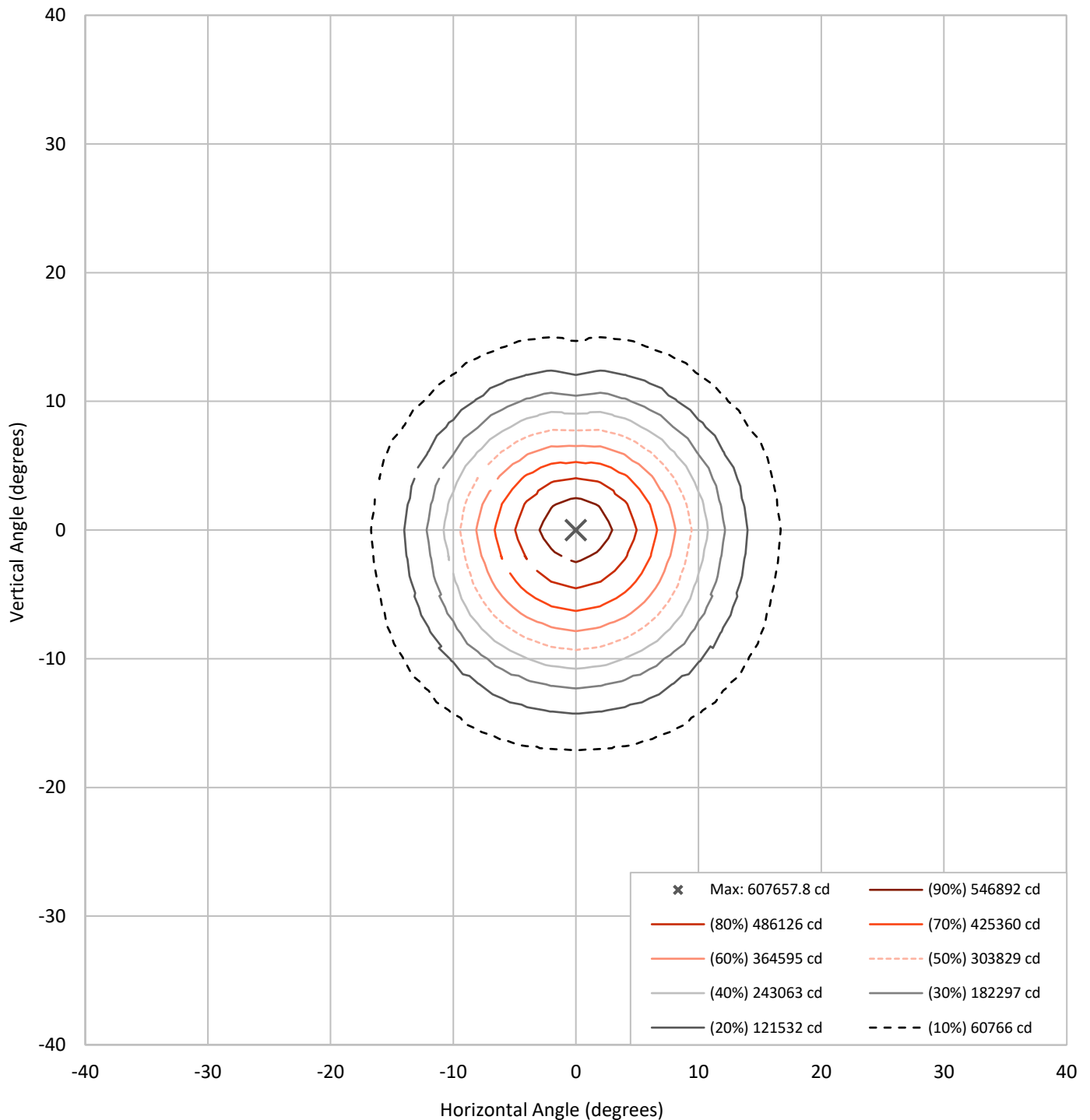
Test Method: LM-79-08
Report Number: P1306326 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-70-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	70057.7 lumens	Max Intensity:	607657.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	32270.2 lumens	Field Lumens:	59317.5 lumens
Beam Efficiency:	46.1%	Field Efficiency:	84.7%
Input Watts (W):	718		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





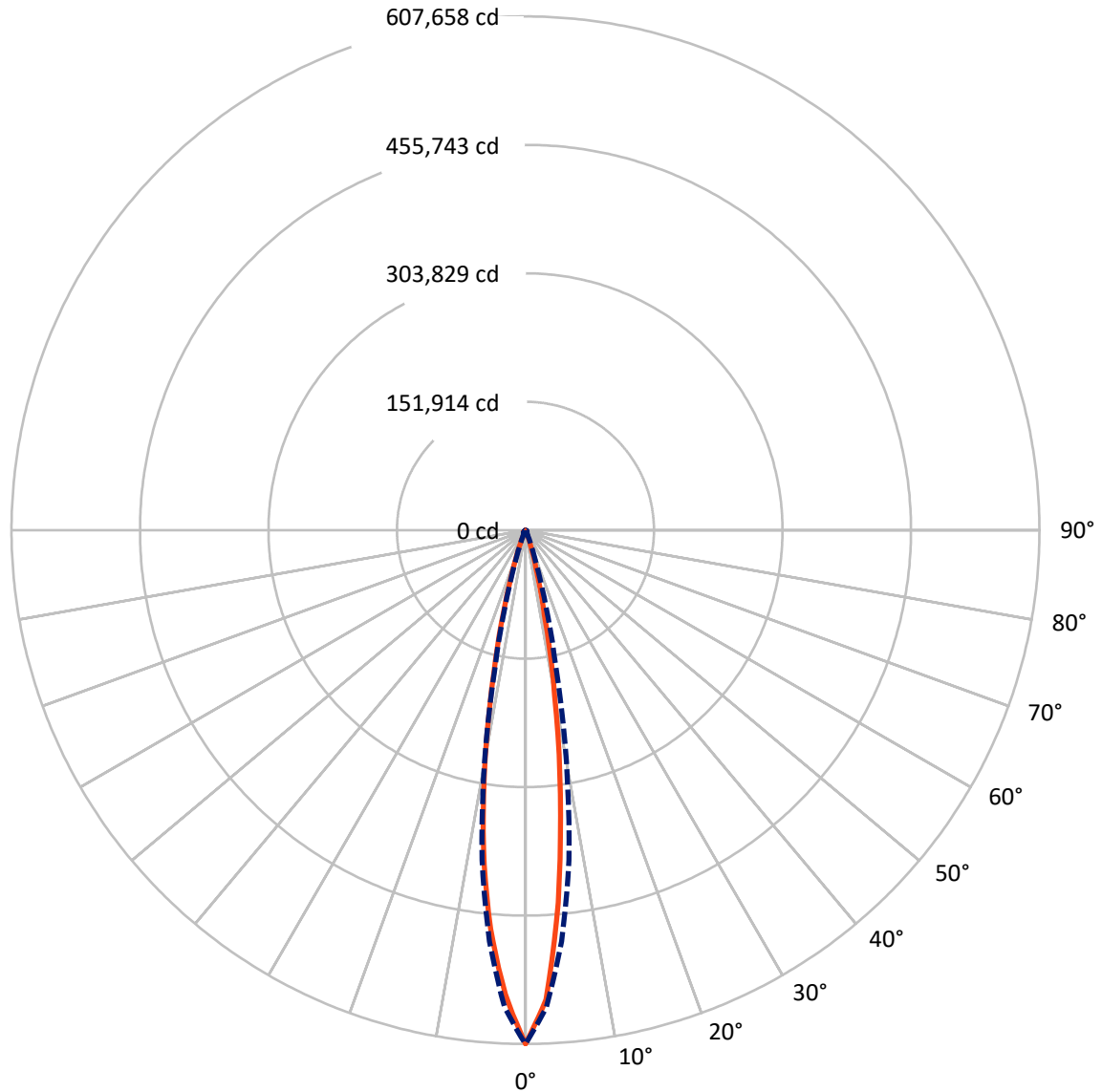
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Lumen Table

90	0.2	0.4		0.6		0.5		0.6		0.5		0.6		0.4		0.2			
80	0.2	0.4		0.6		0.5		0.6		0.5		0.6		0.4		0.2			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.4	0.4	0.2	0.2			
40		0.2	0.8	1.5	3.4	5.3	5.6	6.5	6.5	5.6	5.3	3.4	1.5	0.8	0.2				
30	0.2	0.4	2.5	8.5	22.6	27.5	36.4	67.8	67.8	36.4	27.5	22.6	8.5	2.5	0.4	0.2			
20		0.8	5.4	22.1	48.2	67.7	462.6	1860.4	1860.4	462.6	67.7	48.2	22.1	5.4	0.8				
10	0.3	1.6	9.3	42.6	72.8	168.7	2417.2	10431.8	10431.8	2417.2	168.7	72.8	42.6	9.3	1.6	0.3			
0		2.6	12.3	50.3	84.1	167.5	2622.4	11164.8	11164.8	2622.4	167.5	84.1	50.3	12.3	2.6				
-10	0.5	3.0	12.6	47.2	89.6	105.2	760.6	2880.3	2880.3	760.6	105.2	89.6	47.2	12.6	3.0	0.5			
-20		2.8	11.0	26.1	68.3	84.7	103.3	191.1	191.1	103.3	84.7	68.3	26.1	11.0	2.8				
-30	0.4	2.4	8.3	15.3	38.0	72.2	86.3	89.5	89.5	86.3	72.2	38.0	15.3	8.3	2.4	0.4			
-40		1.6	5.7	12.1	19.5	35.3	64.5	89.1	89.1	64.5	35.3	19.5	12.1	5.7	1.6				
-50	0.3	0.7	3.2	8.1	14.9	21.2	26.4	29.5	29.5	26.4	21.2	14.9	8.1	3.2	0.7	0.3			
-60		0.3	1.1	3.8	7.9	12.9	18.1	21.4	21.4	18.1	12.9	7.9	3.8	1.1	0.3				
-70	0.2	0.9		2.9		7.0		10.4		7.0		2.9		0.9		0.2			
-80		0.9		2.9		7.0		10.4		7.0		2.9		0.9					
-90	0.2	0.9		2.9		7.0		10.4		7.0		2.9		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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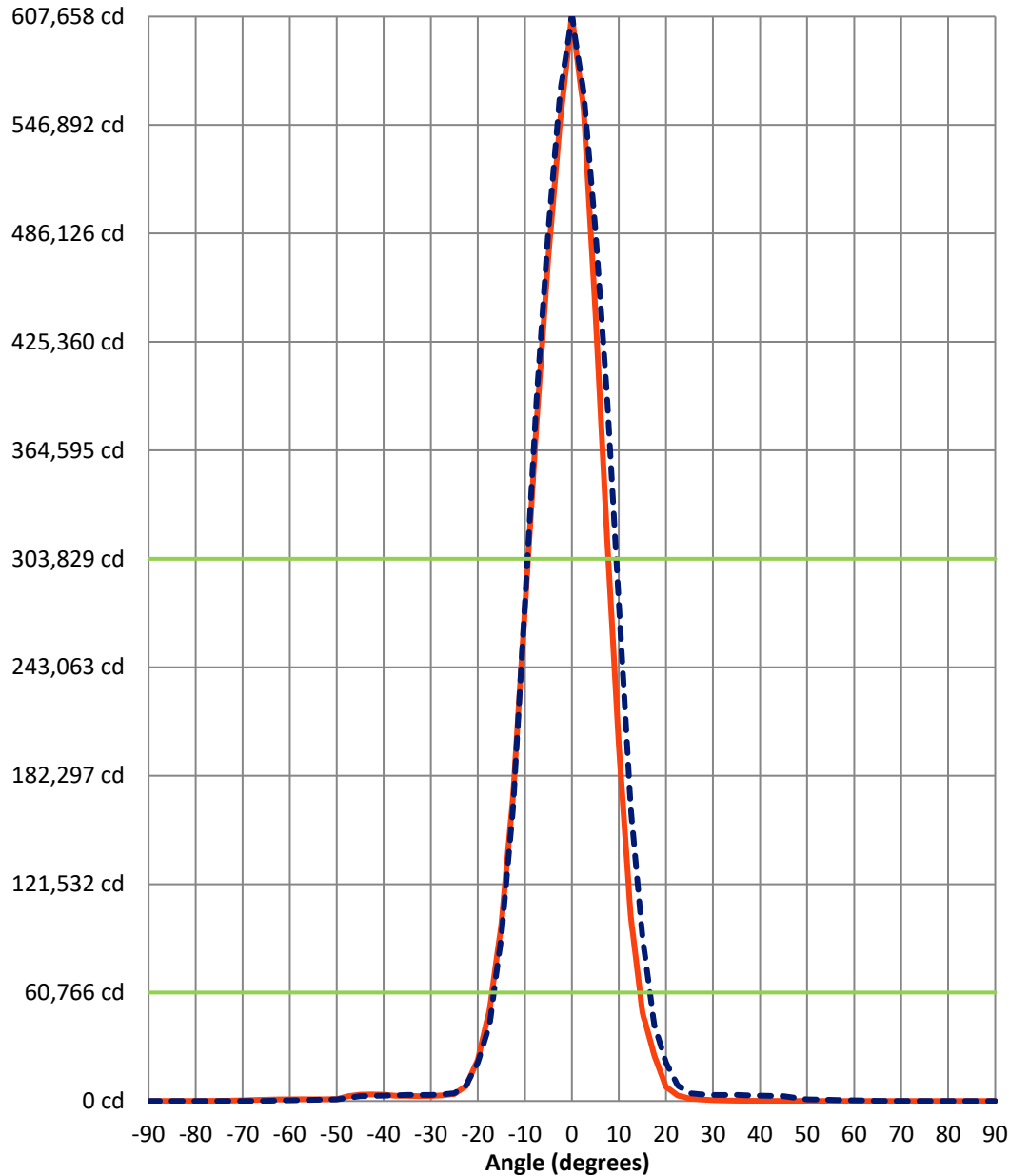
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.9°
 V Angle: 17.1°
 Lumens: 32270.2
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 31.5°
 Lumens: 59317.5
 Efficiency: 84.7%

Spill:
 Lumens: 10740.2
 Efficiency: 15.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.9	8.3	8.6	9.0
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.1	6.8	6.4	6.0
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.1	6.8	6.4	6.0
82.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.1	6.8	6.6	6.4
80°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.2	7.0	7.0	7.0
77.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.3	7.4	7.5
75°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6
67.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.7
65°	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.5	7.8	8.0	7.8
62.5°	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.8	8.2	8.2	7.9
60°	7.5	7.5	7.5	7.5	7.5	7.8	7.8	8.2	8.6	8.3	8.0
57.5°	7.5	7.5	7.5	7.5	7.6	7.9	8.1	8.6	8.7	8.4	8.0
55°	7.5	7.5	7.5	7.5	7.8	8.1	8.4	9.0	8.8	8.4	8.1
52.5°	7.5	7.5	7.5	7.5	8.0	8.3	8.6	9.0	8.8	8.5	8.2
50°	7.5	7.5	7.5	7.5	8.1	8.4	8.8	9.0	8.9	8.6	9.2
47.5°	7.5	7.5	7.5	7.5	8.3	8.6	9.0	9.0	9.0	8.7	10.1
45°	7.5	7.5	7.5	7.7	8.5	8.7	9.0	9.0	9.0	9.3	10.8
42.5°	7.5	7.5	7.5	7.8	8.7	8.8	9.0	9.1	9.1	9.8	11.8
40°	7.5	7.5	7.5	7.9	8.8	8.9	9.0	9.2	9.4	10.2	12.6
37.5°	7.5	7.5	7.5	8.1	8.9	9.0	9.0	9.3	9.8	10.8	13.2
35°	7.5	7.5	7.5	8.2	8.9	9.0	9.0	9.5	10.2	11.9	13.7
32.5°	7.5	7.5	7.5	8.3	9.0	9.0	9.0	9.7	10.6	13.1	15.4
30°	7.5	7.5	7.5	8.4	9.0	9.0	9.2	9.9	10.9	14.6	17.4
27.5°	7.5	7.5	7.5	8.5	9.0	9.0	9.3	10.2	11.6	16.2	19.7
25°	7.5	7.5	7.5	8.6	9.0	9.0	9.5	10.5	12.8	18.0	22.2
22.5°	7.5	7.5	7.5	8.7	9.0	9.0	9.7	10.8	14.1	20.0	26.1
20°	7.5	7.5	7.5	8.7	9.0	9.1	9.9	11.1	15.4	22.1	29.9
17.5°	7.5	7.5	7.5	8.8	9.0	9.3	10.1	11.3	16.8	24.3	33.5
15°	7.5	7.5	7.5	8.8	9.0	9.4	10.4	11.7	18.1	26.5	36.9
12.5°	7.5	7.5	7.5	8.9	9.0	9.6	10.7	12.2	19.5	28.8	40.2
10°	7.5	7.5	7.5	8.9	9.0	9.7	11.0	12.8	21.0	31.5	44.9
7.5°	7.5	7.5	7.5	9.0	9.0	9.9	11.2	13.3	22.3	34.3	53.3
5°	7.5	7.5	7.5	9.0	9.0	10.1	11.5	13.9	23.4	37.0	62.1
2.5°	7.5	7.5	7.5	9.0	9.0	10.2	11.7	14.4	24.5	39.5	70.8
0°	7.5	7.5	7.5	9.0	9.0	10.4	11.9	14.9	25.4	41.8	79.1
-2.5°	7.5	7.5	7.6	9.0	9.1	10.6	12.7	17.9	32.1	54.3	100.2
-5°	7.5	7.5	7.6	9.0	9.2	10.7	13.4	20.8	38.4	66.2	120.1
-7.5°	7.5	7.5	7.7	9.0	9.4	10.8	14.1	23.5	44.2	77.1	138.2
-10°	7.5	7.5	7.8	8.9	9.5	10.9	14.7	25.8	49.4	87.0	154.1
-12.5°	7.5	7.5	7.8	8.9	9.6	11.0	15.2	27.7	53.7	95.6	166.5
-15°	7.5	7.5	7.9	8.9	9.6	11.1	15.6	29.2	58.5	104.7	176.2
-17.5°	7.5	7.5	7.9	8.9	9.7	11.2	15.8	31.4	63.9	112.2	183.6
-20°	7.5	7.5	8.0	8.9	9.7	11.2	16.4	33.9	68.0	118.1	188.4



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 CATALOG NUMBER: EPH-08-680N-50-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	7.5	8.0	8.9	9.7	11.3	17.3	35.5	70.7	122.1	190.6
-25°	7.5	7.5	8.0	8.8	9.7	11.6	17.9	36.1	71.7	124.3	190.0
-27.5°	7.5	7.5	8.0	8.8	9.7	11.9	18.0	35.5	71.1	124.8	191.6
-30°	7.5	7.5	8.0	8.9	9.7	12.1	17.7	33.9	70.1	124.0	190.9
-32.5°	7.5	7.5	8.1	8.9	9.7	12.3	16.8	33.0	68.1	120.7	187.5
-35°	7.5	7.5	8.0	8.9	9.8	12.3	16.6	32.0	64.5	115.1	181.4
-37.5°	7.5	7.5	8.0	8.9	9.8	12.3	16.6	30.2	59.1	107.0	165.4
-40°	7.5	7.5	8.0	9.0	9.8	12.3	16.5	27.6	51.9	98.6	148.1
-42.5°	7.5	7.5	8.0	9.0	9.8	12.2	16.2	24.2	46.5	85.7	129.6
-45°	7.5	7.5	7.9	9.1	9.8	12.1	15.8	21.6	41.7	71.4	110.4
-47.5°	7.5	7.5	7.9	9.1	9.8	11.9	15.2	20.8	35.7	56.5	93.5
-50°	7.5	7.5	7.8	9.0	9.8	11.6	14.8	19.9	28.1	47.9	75.7
-52.5°	7.5	7.5	7.8	8.9	9.8	11.3	14.3	18.7	24.5	38.8	58.0
-55°	7.5	7.5	7.7	8.7	9.7	11.1	13.8	17.4	22.6	29.3	47.4
-57.5°	7.5	7.5	7.6	8.6	9.6	10.9	13.2	16.6	20.6	25.4	36.2
-60°	7.5	7.5	7.5	8.5	9.5	10.7	12.5	15.6	18.7	23.1	27.6
-62.5°	7.5	7.5	7.5	8.3	9.3	10.4	12.0	14.5	17.6	20.8	25.0
-65°	7.5	7.5	7.5	8.2	9.1	10.1	11.5	13.6	16.3	19.2	22.3
-67.5°	7.5	7.5	7.5	8.0	8.9	9.8	11.0	12.8	15.1	17.7	20.4
-70°	7.5	7.5	7.5	7.8	8.7	9.5	10.4	12.0	14.0	16.3	18.8
-72.5°	7.5	7.5	7.5	7.8	8.5	9.2	10.0	11.2	13.0	14.9	17.1
-75°	7.5	7.5	7.5	7.8	8.2	9.0	9.7	10.6	11.8	13.5	15.4
-77.5°	7.5	7.5	7.5	7.7	8.1	8.7	9.3	10.2	11.1	12.3	13.7
-80°	7.5	7.5	7.5	7.7	8.0	8.4	9.0	9.7	10.4	11.3	12.4
-82.5°	7.5	7.5	7.5	7.6	7.9	8.2	8.6	9.2	9.7	10.4	11.2
-85°	7.5	7.5	7.5	7.6	7.8	8.0	8.3	8.8	9.2	9.7	10.2
-87.5°	7.5	7.5	7.5	7.5	7.6	7.7	7.9	8.3	8.7	9.2	9.6
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.1	6.8	6.4	6.0



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 CATALOG NUMBER: EPH-08-680N-50-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	6.0	6.0	6.0	6.0	5.6	5.3	4.9	4.5	4.5	4.5	4.5
85°	6.0	6.0	6.0	6.0	5.6	5.3	4.9	4.5	4.5	4.5	4.5
82.5°	6.4	6.4	6.2	6.0	5.7	5.3	4.9	4.7	4.7	4.7	4.7
80°	7.0	6.8	6.4	6.1	5.8	5.7	5.7	5.7	5.6	5.3	4.9
77.5°	7.2	6.8	6.5	6.1	6.0	6.2	6.2	6.1	5.7	5.4	5.0
75°	7.2	6.9	6.7	6.7	6.8	6.7	6.5	6.1	5.9	5.7	5.7
72.5°	7.3	7.2	7.2	7.5	7.3	6.9	6.6	6.2	6.5	7.3	7.8
70°	7.4	7.5	7.5	7.5	7.4	7.1	7.5	8.4	9.6	11.2	13.8
67.5°	7.5	7.5	7.5	7.5	7.5	7.9	9.0	14.5	21.1	23.9	25.1
65°	7.5	7.5	7.5	7.5	7.5	11.6	17.7	25.4	33.3	34.8	33.8
62.5°	7.5	7.5	7.5	8.6	12.0	17.6	24.8	33.0	42.3	42.6	37.2
60°	7.6	7.5	8.9	12.3	16.4	21.9	30.0	36.6	43.6	46.6	35.7
57.5°	7.7	8.6	11.7	15.6	20.0	24.3	29.0	35.5	38.8	39.2	28.9
55°	8.3	10.5	14.2	18.7	22.2	22.0	25.5	28.4	29.5	27.9	19.9
52.5°	9.8	12.4	16.7	20.9	22.3	20.6	19.9	21.7	21.0	18.0	14.7
50°	11.1	14.6	19.0	22.5	22.3	19.0	16.1	17.0	16.2	14.1	11.9
47.5°	12.6	16.5	21.8	24.1	21.3	19.1	16.4	15.6	14.8	15.1	13.4
45°	14.0	18.4	24.2	23.7	22.0	21.1	19.0	16.3	19.0	19.4	18.9
42.5°	15.2	20.0	24.1	23.7	24.9	24.3	22.5	23.8	25.1	26.4	27.0
40°	16.3	21.3	24.5	28.1	28.7	28.4	30.9	33.0	33.2	35.4	37.1
37.5°	17.0	22.5	27.5	35.8	33.1	35.7	40.6	44.8	47.3	45.4	50.8
35°	17.5	24.4	37.3	46.0	43.5	45.7	53.3	61.8	70.1	65.3	74.6
32.5°	18.8	27.2	49.7	57.5	65.9	66.3	67.7	91.1	109.0	117.1	121.4
30°	22.2	38.6	63.5	70.9	97.4	102.9	102.0	131.0	164.0	242.6	302.7
27.5°	26.8	52.5	76.3	98.6	136.2	145.9	159.8	193.2	294.4	443.8	612.9
25°	31.4	70.6	90.4	136.1	178.0	198.0	221.8	272.3	476.8	811.7	934.3
22.5°	41.0	90.8	113.0	178.8	224.2	251.5	294.9	417.9	700.5	1215.0	1248.1
20°	56.6	109.6	146.2	219.3	274.6	304.6	367.8	568.9	949.1	1324.0	1469.9
17.5°	73.0	130.5	182.4	260.1	329.2	371.8	449.6	712.5	1142.7	1465.0	1636.9
15°	89.8	152.9	215.8	305.2	388.8	456.0	611.1	906.6	1277.1	1631.6	1878.9
12.5°	106.7	176.4	246.5	353.3	452.7	540.2	806.6	1227.5	1570.4	1855.5	2182.1
10°	123.3	200.4	274.6	402.9	519.4	623.4	1021.6	1573.0	1911.0	2162.5	2448.7
7.5°	163.4	237.2	305.7	452.6	587.2	704.8	1246.3	1930.8	2220.4	2425.3	2640.9
5°	208.7	286.4	365.7	526.6	660.9	782.6	1464.9	2286.4	2504.5	2653.2	2787.2
2.5°	253.5	333.8	424.2	600.2	734.4	854.3	1649.4	2518.0	2704.8	2846.3	2953.1
0°	295.6	379.2	480.7	668.8	803.1	921.1	1807.8	2714.0	2882.6	3024.5	3152.8
-2.5°	319.1	415.9	523.0	694.9	811.0	925.3	1684.4	2647.2	2898.9	3088.0	3279.7
-5°	337.6	449.7	562.1	717.0	816.5	925.6	1539.9	2531.8	2918.3	3153.5	3387.6
-7.5°	350.7	479.9	597.9	735.0	823.1	929.3	1532.1	2572.7	3034.8	3247.9	3477.6
-10°	356.4	491.2	605.1	738.7	831.2	933.3	1513.0	2553.8	3147.1	3346.2	3552.4
-12.5°	345.3	485.8	603.1	737.5	837.8	933.0	1435.6	2468.3	3259.1	3453.9	3589.2
-15°	332.4	477.9	595.9	731.2	843.4	928.2	1291.9	2312.3	3279.3	3404.3	3537.6
-17.5°	318.7	467.6	583.2	719.8	848.3	918.9	1064.7	1918.5	2941.3	3241.2	3453.3
-20°	304.7	455.2	564.5	703.1	848.9	888.1	962.4	1539.8	2401.7	3006.6	3286.1



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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°	291.4	440.7	543.3	680.4	792.7	841.8	896.0	1188.5	1838.5	2704.8	2990.7
-25°	285.3	418.5	523.8	633.0	735.2	793.3	824.5	904.5	1375.6	2135.0	2663.0
-27.5°	283.1	399.2	494.7	587.4	685.5	740.7	765.1	824.1	1079.6	1585.8	2299.1
-30°	277.4	370.0	463.9	546.0	636.2	689.7	709.6	761.6	849.0	1215.9	1733.2
-32.5°	260.7	339.6	429.9	510.6	589.0	650.7	677.2	724.6	787.4	899.4	1270.6
-35°	240.0	313.7	394.6	473.9	546.0	613.2	660.0	694.2	737.0	793.5	975.7
-37.5°	221.6	286.7	359.0	435.6	505.1	574.2	640.6	671.8	705.4	748.5	824.9
-40°	201.5	258.5	326.9	396.7	464.6	532.0	596.5	652.7	679.4	723.9	776.4
-42.5°	179.9	234.5	295.0	357.8	422.7	486.3	550.0	609.9	667.5	702.7	744.6
-45°	158.1	208.8	262.9	321.7	379.6	439.2	498.8	560.4	631.5	693.1	723.8
-47.5°	134.9	181.9	232.9	284.8	338.3	392.2	446.5	512.8	583.8	650.5	715.1
-50°	111.7	155.0	201.9	250.7	298.4	346.8	396.2	465.5	534.1	599.0	660.7
-52.5°	91.0	126.8	171.2	217.5	261.2	304.2	355.0	418.1	483.7	547.8	606.4
-55°	69.5	101.9	138.9	182.5	226.2	265.2	314.3	371.9	431.2	492.9	550.5
-57.5°	53.5	77.4	109.1	144.9	186.7	230.0	277.5	325.5	379.5	435.4	486.4
-60°	40.6	57.1	80.6	110.8	143.5	186.4	237.9	285.5	330.9	375.4	423.1
-62.5°	29.2	42.3	57.9	78.1	106.2	139.5	183.0	231.9	284.6	323.2	360.8
-65°	26.3	30.2	40.9	55.3	70.2	97.6	130.3	167.0	211.3	250.6	290.8
-67.5°	23.2	26.9	30.4	36.0	49.2	63.9	79.2	108.5	140.6	167.9	196.3
-70°	21.1	23.6	26.8	30.1	33.4	39.9	52.9	66.5	79.7	95.0	118.0
-72.5°	19.1	21.1	23.4	26.1	29.1	32.4	36.0	39.9	47.7	57.6	67.0
-75°	16.9	18.4	20.2	22.3	24.6	27.2	30.0	33.1	35.8	38.3	40.8
-77.5°	14.8	15.9	17.1	18.4	19.9	21.8	23.9	26.1	28.2	30.1	31.9
-80°	12.9	13.4	14.2	15.1	16.3	17.5	18.6	19.8	20.8	22.2	23.7
-82.5°	11.3	11.6	11.8	12.2	13.0	13.8	14.6	15.6	16.2	16.9	17.6
-85°	10.0	9.7	9.7	9.7	10.3	11.0	11.6	12.2	12.5	12.8	13.0
-87.5°	9.5	9.4	9.2	9.0	9.2	9.4	9.7	10.0	10.0	10.1	10.1
-90°	6.0	6.0	6.0	6.0	5.6	5.3	4.9	4.5	4.5	4.5	4.5



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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	9.4	9.7	10.0	10.4	11.1	11.9	12.6	13.4	19.0	24.6
87.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5
85°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5
82.5°	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.5	1.5
80°	4.6	4.2	3.8	3.4	3.1	2.9	2.8	2.8	2.8	2.5	2.2
77.5°	4.7	4.5	4.3	4.1	3.9	3.7	3.6	3.3	3.0	2.7	2.3
75°	5.9	5.9	5.7	5.3	4.7	4.2	3.8	3.5	3.1	3.0	2.9
72.5°	8.2	8.1	7.6	7.4	6.6	6.2	6.1	5.8	5.4	5.5	5.7
70°	15.3	15.6	14.9	13.5	11.5	10.1	9.5	8.6	7.5	7.4	7.9
67.5°	24.1	22.1	20.4	18.4	15.6	13.4	12.2	11.1	10.0	9.8	10.1
65°	30.4	24.0	20.6	18.1	16.2	14.4	13.0	11.5	10.2	9.4	9.2
62.5°	30.4	21.8	17.5	15.5	14.1	13.0	11.1	9.4	7.9	6.9	7.0
60°	26.1	17.9	13.2	11.5	10.1	9.0	8.1	7.2	6.5	6.0	6.1
57.5°	19.9	12.9	9.0	8.8	8.4	7.8	7.4	7.1	6.6	6.0	6.4
55°	13.9	10.8	9.1	9.2	9.3	9.2	8.7	8.0	7.4	7.0	7.2
52.5°	11.0	10.7	11.2	11.4	10.6	9.7	8.9	8.9	9.0	9.2	9.6
50°	11.7	12.2	12.4	11.7	11.2	10.8	10.3	10.8	11.5	12.0	12.5
47.5°	13.6	14.2	14.7	13.2	13.3	14.2	13.7	13.9	16.7	18.9	20.4
45°	17.9	20.1	20.4	20.7	20.5	22.5	23.7	24.8	30.5	32.6	32.5
42.5°	27.6	30.9	33.0	35.1	33.5	39.5	48.2	54.0	52.6	50.5	51.2
40°	41.6	47.7	56.3	60.9	66.1	72.9	75.4	65.3	63.8	71.9	72.6
37.5°	63.2	79.7	98.0	112.0	114.4	111.3	107.8	106.2	108.6	113.9	122.0
35°	104.0	142.7	159.7	168.4	173.9	157.5	151.3	157.3	152.1	167.1	172.3
32.5°	184.3	234.2	248.8	255.4	268.9	252.4	215.7	259.1	242.6	240.2	256.9
30°	292.1	361.9	421.8	426.2	416.5	413.9	434.9	440.6	421.0	420.9	486.6
27.5°	559.6	575.5	681.5	729.4	609.5	618.7	675.9	645.4	716.4	784.9	839.0
25°	886.3	899.4	1084.6	1056.3	929.3	965.4	999.0	992.4	1074.6	1157.0	1250.7
22.5°	1186.5	1240.2	1392.4	1353.0	1296.5	1312.0	1342.8	1403.7	1514.3	1681.8	2118.2
20°	1426.0	1460.9	1534.8	1568.5	1571.7	1602.3	1700.3	1868.2	2212.8	3342.8	4707.1
17.5°	1656.8	1602.7	1691.6	1749.8	1812.6	1925.0	2152.9	2840.5	4501.9	7927.2	11284.0
15°	1992.1	1958.8	1906.5	1986.1	2160.7	2390.4	2922.7	5436.8	11081.0	17503.8	24181.4
12.5°	2357.4	2313.3	2241.2	2308.4	2573.5	2982.7	5484.4	11855.8	20878.1	32392.7	54821.8
10°	2648.6	2628.8	2583.9	2726.4	3072.4	4305.3	8736.5	18761.8	32177.5	58888.2	91539.5
7.5°	2826.8	2817.7	2856.1	3089.5	3560.8	6287.5	14282.0	28241.5	51815.9	88897.6	143709.7
5°	3021.5	3007.5	3069.3	3352.3	3909.9	7558.4	18613.6	36757.2	71865.3	123168.9	202768.1
2.5°	3230.4	3198.3	3261.9	3584.4	4183.3	7840.2	19586.0	39307.7	83766.9	149587.2	256233.9
0°	3441.0	3375.3	3409.6	3732.1	4387.4	8764.4	21601.2	42984.4	92180.5	164871.4	278297.1
-2.5°	3458.2	3346.8	3380.9	3679.0	4306.6	7546.1	18754.4	39596.6	87610.6	153403.7	254855.9
-5°	3487.2	3342.1	3332.4	3593.6	4191.1	6884.6	15911.2	36214.0	77404.8	134993.6	222906.7
-7.5°	3541.3	3369.7	3287.1	3480.3	4008.2	5984.8	12981.1	30147.0	62620.1	110101.7	173808.4
-10°	3630.0	3445.7	3310.6	3395.3	3777.2	4881.0	8588.9	21911.5	47400.6	83010.7	126192.8
-12.5°	3739.5	3654.3	3451.6	3334.2	3544.0	4142.0	6751.1	16370.8	33303.1	52517.3	84018.9
-15°	3790.3	3822.5	3676.0	3442.6	3456.5	3826.4	4721.7	8963.6	20905.0	34865.7	50405.6
-17.5°	3721.2	3873.6	3704.3	3436.5	3328.0	3547.3	3966.0	5521.1	9660.2	18627.3	27741.4
-20°	3519.7	3569.5	3534.9	3374.1	3260.3	3272.3	3479.5	3882.8	4690.2	7625.7	10851.6



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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°	3146.3	3178.3	3169.3	3288.3	3160.6	3103.2	3148.2	3304.7	3555.4	3936.2	5003.7
-25°	2828.1	2814.5	2888.0	3087.1	3118.6	2979.8	2943.5	2954.9	3097.4	3266.3	3500.4
-27.5°	2524.4	2616.3	2778.0	2980.0	3067.8	2974.4	2857.1	2780.4	2849.0	2902.3	3007.4
-30°	2270.5	2507.8	2677.4	2861.3	2993.4	2978.6	2864.3	2826.7	2794.4	2756.7	2783.3
-32.5°	1866.0	2376.9	2551.8	2702.1	2862.1	2926.9	2926.0	2910.1	2924.8	2894.0	2825.5
-35°	1450.2	2000.8	2455.0	2538.6	2642.0	2794.8	2912.0	2930.5	2948.0	2947.3	2930.8
-37.5°	1040.4	1552.2	2012.6	2351.0	2472.5	2584.5	2802.9	2919.6	2957.6	3018.0	3040.2
-40°	853.2	1006.7	1466.9	1881.0	2160.1	2499.3	2726.2	2937.3	3154.4	3281.4	3353.2
-42.5°	797.1	860.9	928.3	1246.8	1644.9	2017.3	2372.9	2774.9	3083.3	3323.0	3561.9
-45°	756.6	797.6	842.4	905.0	967.7	1283.1	1645.4	2009.3	2350.6	2694.7	3024.9
-47.5°	740.6	755.6	786.8	822.6	864.3	919.5	971.8	1052.8	1334.5	1613.6	1912.8
-50°	714.8	752.4	765.9	779.0	812.7	845.0	870.0	904.3	938.3	959.7	987.9
-52.5°	660.6	709.0	750.6	788.5	810.4	829.2	845.8	873.8	900.1	923.0	938.8
-55°	604.5	654.5	702.3	749.0	792.8	834.7	871.1	891.3	911.6	932.1	940.5
-57.5°	538.6	591.3	643.0	691.6	739.3	785.8	827.2	864.4	900.1	933.2	953.9
-60°	469.6	514.6	566.7	620.7	670.5	716.3	762.0	805.2	845.0	878.9	900.2
-62.5°	402.3	445.2	488.1	536.8	590.8	642.9	684.1	725.9	768.1	805.0	831.8
-65°	329.5	365.3	399.7	436.4	475.0	516.8	560.3	603.2	645.0	680.2	706.5
-67.5°	230.0	264.4	296.2	327.5	356.6	385.9	417.2	449.0	480.7	508.5	532.1
-70°	140.3	161.2	179.6	199.6	223.6	248.2	272.9	295.6	316.2	333.3	347.1
-72.5°	76.0	83.9	92.9	107.7	121.3	136.0	151.1	165.1	177.8	189.6	200.2
-75°	43.3	47.0	53.3	59.0	64.1	70.4	77.1	83.6	89.8	95.9	101.5
-77.5°	33.7	35.6	37.3	39.0	40.5	42.8	45.4	48.0	50.6	55.1	59.9
-80°	25.2	26.3	27.5	28.6	29.8	31.3	32.8	34.2	35.6	37.6	39.5
-82.5°	18.3	18.9	19.4	19.8	20.3	21.3	22.4	23.4	24.4	26.5	28.6
-85°	13.3	13.5	13.7	13.9	14.1	14.6	15.1	15.6	16.1	18.0	20.0
-87.5°	10.1	10.2	10.3	10.4	10.4	10.8	11.2	11.6	11.9	13.9	15.8
-90°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8



REPORT NUMBER: P1306326 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30.2	35.8	41.0	46.3	41.0	35.8	30.2	24.6	19.0	13.4	12.6
87.5°	1.5	1.5	0.7	0.0	0.7	1.5	1.5	1.5	1.5	1.5	1.9
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
80°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.5	2.8	2.8
77.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.7	3.0	3.3
75°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	3.0	3.1	3.5
72.5°	5.8	5.9	6.0	6.0	6.0	5.9	5.8	5.7	5.5	5.4	5.8
70°	8.4	8.9	9.6	10.4	9.6	8.9	8.4	7.9	7.4	7.5	8.6
67.5°	10.2	10.3	9.1	7.5	9.1	10.3	10.2	10.1	9.8	10.0	11.1
65°	9.1	9.1	8.3	7.5	8.3	9.1	9.1	9.2	9.4	10.2	11.5
62.5°	7.2	7.5	7.5	7.5	7.5	7.5	7.2	7.0	6.9	7.9	9.4
60°	6.1	6.1	6.0	6.0	6.0	6.1	6.1	6.1	6.0	6.5	7.2
57.5°	6.8	7.3	7.5	7.5	7.5	7.3	6.8	6.4	6.0	6.6	7.1
55°	7.4	7.5	8.1	9.0	8.1	7.5	7.4	7.2	7.0	7.4	8.0
52.5°	10.0	10.2	10.4	10.4	10.4	10.2	10.0	9.6	9.2	9.0	8.9
50°	12.9	13.2	13.3	13.4	13.3	13.2	12.9	12.5	12.0	11.5	10.8
47.5°	21.4	21.9	22.7	23.9	22.7	21.9	21.4	20.4	18.9	16.7	13.9
45°	34.0	34.9	36.4	38.8	36.4	34.9	34.0	32.5	32.6	30.5	24.8
42.5°	53.9	55.4	57.0	59.7	57.0	55.4	53.9	51.2	50.5	52.6	54.0
40°	74.3	75.3	76.3	79.1	76.3	75.3	74.3	72.6	71.9	63.8	65.3
37.5°	125.7	120.4	114.8	126.9	114.8	120.4	125.7	122.0	113.9	108.6	106.2
35°	171.4	174.5	179.5	188.1	179.5	174.5	171.4	172.3	167.1	152.1	157.3
32.5°	259.9	274.1	280.5	289.6	280.5	274.1	259.9	256.9	240.2	242.6	259.1
30°	517.3	516.4	474.7	482.2	474.7	516.4	517.3	486.6	420.9	421.0	440.6
27.5°	856.3	866.6	862.1	883.8	862.1	866.6	856.3	839.0	784.9	716.4	645.4
25°	1333.0	1377.6	1368.9	1412.2	1368.9	1377.6	1333.0	1250.7	1157.0	1074.6	992.4
22.5°	2654.5	2860.0	2856.7	3130.5	2856.7	2860.0	2654.5	2118.2	1681.8	1514.3	1403.7
20°	7089.9	8492.5	7914.5	8021.0	7914.5	8492.5	7089.9	4707.1	3342.8	2212.8	1868.2
17.5°	16349.7	21102.2	23166.1	25745.3	23166.1	21102.2	16349.7	11284.0	7927.2	4501.9	2840.5
15°	37323.2	49985.3	56319.0	49854.4	56319.0	49985.3	37323.2	24181.4	17503.8	11081.0	5436.8
12.5°	78143.7	100375.9	115743.7	103950.0	115743.7	100375.9	78143.7	54821.8	32392.7	20878.1	11855.8
10°	134999.9	175951.4	209795.6	198641.4	209795.6	175951.4	134999.9	91539.5	58888.2	32177.5	18761.8
7.5°	207539.9	273695.5	314986.2	314680.3	314986.2	273695.5	207539.9	143709.7	88897.6	51815.9	28241.5
5°	298586.7	383228.2	435803.9	442143.7	435803.9	383228.2	298586.7	202768.1	123168.9	71865.3	36757.2
2.5°	366000.5	457768.5	529557.5	555450.7	529557.5	457768.5	366000.5	256233.9	149587.2	83766.9	39307.7
0°	393524.6	488131.7	564870.4	607657.8	564870.4	488131.7	393524.6	278297.1	164871.4	92180.5	42984.4
-2.5°	371897.6	459277.2	522570.2	549079.3	522570.2	459277.2	371897.6	254855.9	153403.7	87610.6	39596.6
-5°	324716.7	407008.4	455833.1	473172.1	455833.1	407008.4	324716.7	222906.7	134993.6	77404.8	36214.0
-7.5°	254108.9	322994.7	365142.8	380366.1	365142.8	322994.7	254108.9	173808.4	110101.7	62620.1	30147.0
-10°	175971.2	227175.4	263768.1	275118.9	263768.1	227175.4	175971.2	126192.8	83010.7	47400.6	21911.5
-12.5°	113387.8	143767.6	164040.8	171424.9	164040.8	143767.6	113387.8	84018.9	52517.3	33303.1	16370.8
-15°	68979.9	85895.5	95713.8	99022.1	95713.8	85895.5	68979.9	50405.6	34865.7	20905.0	8963.6
-17.5°	38007.6	46171.4	49172.7	51284.5	49172.7	46171.4	38007.6	27741.4	18627.3	9660.2	5521.1
-20°	17027.4	20571.6	22310.8	23203.0	22310.8	20571.6	17027.4	10851.6	7625.7	4690.2	3882.8



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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°	6565.3	7600.3	8066.4	8449.4	8066.4	7600.3	6565.3	5003.7	3936.2	3555.4	3304.7
-25°	3703.9	3847.5	3913.0	3956.0	3913.0	3847.5	3703.9	3500.4	3266.3	3097.4	2954.9
-27.5°	3082.3	3165.3	3222.1	3212.6	3222.1	3165.3	3082.3	3007.4	2902.3	2849.0	2780.4
-30°	2785.4	2810.9	2832.4	2815.5	2832.4	2810.9	2785.4	2783.3	2756.7	2794.4	2826.7
-32.5°	2777.2	2750.9	2735.9	2731.9	2735.9	2750.9	2777.2	2825.5	2894.0	2924.8	2910.1
-35°	2912.1	2900.2	2892.7	2897.6	2892.7	2900.2	2912.1	2930.8	2947.3	2948.0	2930.5
-37.5°	3042.9	3025.5	2999.0	2978.2	2999.0	3025.5	3042.9	3040.2	3018.0	2957.6	2919.6
-40°	3367.1	3429.8	3509.3	3552.9	3509.3	3429.8	3367.1	3353.2	3281.4	3154.4	2937.3
-42.5°	3632.7	3678.5	3699.1	3697.7	3699.1	3678.5	3632.7	3561.9	3323.0	3083.3	2774.9
-45°	3275.4	3458.6	3557.5	3576.8	3557.5	3458.6	3275.4	3024.9	2694.7	2350.6	2009.3
-47.5°	2235.4	2532.9	2707.4	2730.4	2707.4	2532.9	2235.4	1912.8	1613.6	1334.5	1052.8
-50°	1026.7	1066.5	1081.1	1070.4	1081.1	1066.5	1026.7	987.9	959.7	938.3	904.3
-52.5°	953.8	969.2	977.1	979.3	977.1	969.2	953.8	938.8	923.0	900.1	873.8
-55°	948.5	956.9	962.5	967.4	962.5	956.9	948.5	940.5	932.1	911.6	891.3
-57.5°	973.3	991.2	999.7	1003.2	999.7	991.2	973.3	953.9	933.2	900.1	864.4
-60°	919.6	937.1	943.5	945.0	943.5	937.1	919.6	900.2	878.9	845.0	805.2
-62.5°	857.0	880.1	888.8	891.2	888.8	880.1	857.0	831.8	805.0	768.1	725.9
-65°	729.6	749.2	750.5	744.9	750.5	749.2	729.6	706.5	680.2	645.0	603.2
-67.5°	553.3	571.7	572.7	567.3	572.7	571.7	553.3	532.1	508.5	480.7	449.0
-70°	358.1	366.6	368.4	367.2	368.4	366.6	358.1	347.1	333.3	316.2	295.6
-72.5°	209.6	217.5	216.0	212.0	216.0	217.5	209.6	200.2	189.6	177.8	165.1
-75°	106.4	110.8	112.5	113.5	112.5	110.8	106.4	101.5	95.9	89.8	83.6
-77.5°	64.7	69.5	70.8	71.7	70.8	69.5	64.7	59.9	55.1	50.6	48.0
-80°	41.4	43.1	43.3	43.3	43.3	43.1	41.4	39.5	37.6	35.6	34.2
-82.5°	30.7	32.7	33.5	34.3	33.5	32.7	30.7	28.6	26.5	24.4	23.4
-85°	21.9	23.9	24.6	25.4	24.6	23.9	21.9	20.0	18.0	16.1	15.6
-87.5°	17.6	19.5	20.2	20.9	20.2	19.5	17.6	15.8	13.9	11.9	11.6
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.9



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.9	11.1	10.4	10.0	9.7	9.4	9.0	9.0	9.0	9.0	9.0
87.5°	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.5	4.5	4.5	4.5
85°	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.5	4.5	4.5	4.5
82.5°	2.3	2.7	3.0	3.4	3.8	4.2	4.5	4.7	4.7	4.7	4.7
80°	2.8	2.9	3.1	3.4	3.8	4.2	4.6	4.9	5.3	5.6	5.7
77.5°	3.6	3.7	3.9	4.1	4.3	4.5	4.7	5.0	5.4	5.7	6.1
75°	3.8	4.2	4.7	5.3	5.7	5.9	5.9	5.7	5.7	5.9	6.1
72.5°	6.1	6.2	6.6	7.4	7.6	8.1	8.2	7.8	7.3	6.5	6.2
70°	9.5	10.1	11.5	13.5	14.9	15.6	15.3	13.8	11.2	9.6	8.4
67.5°	12.2	13.4	15.6	18.4	20.4	22.1	24.1	25.1	23.9	21.1	14.5
65°	13.0	14.4	16.2	18.1	20.6	24.0	30.4	33.8	34.8	33.3	25.4
62.5°	11.1	13.0	14.1	15.5	17.5	21.8	30.4	37.2	42.6	42.3	33.0
60°	8.1	9.0	10.1	11.5	13.2	17.9	26.1	35.7	46.6	43.6	36.6
57.5°	7.4	7.8	8.4	8.8	9.0	12.9	19.9	28.9	39.2	38.8	35.5
55°	8.7	9.2	9.3	9.2	9.1	10.8	13.9	19.9	27.9	29.5	28.4
52.5°	8.9	9.7	10.6	11.4	11.2	10.7	11.0	14.7	18.0	21.0	21.7
50°	10.3	10.8	11.2	11.7	12.4	12.2	11.7	11.9	14.1	16.2	17.0
47.5°	13.7	14.2	13.3	13.2	14.7	14.2	13.6	13.4	15.1	14.8	15.6
45°	23.7	22.5	20.5	20.7	20.4	20.1	17.9	18.9	19.4	19.0	16.3
42.5°	48.2	39.5	33.5	35.1	33.0	30.9	27.6	27.0	26.4	25.1	23.8
40°	75.4	72.9	66.1	60.9	56.3	47.7	41.6	37.1	35.4	33.2	33.0
37.5°	107.8	111.3	114.4	112.0	98.0	79.7	63.2	50.8	45.4	47.3	44.8
35°	151.3	157.5	173.9	168.4	159.7	142.7	104.0	74.6	65.3	70.1	61.8
32.5°	215.7	252.4	268.9	255.4	248.8	234.2	184.3	121.4	117.1	109.0	91.1
30°	434.9	413.9	416.5	426.2	421.8	361.9	292.1	302.7	242.6	164.0	131.0
27.5°	675.9	618.7	609.5	729.4	681.5	575.5	559.6	612.9	443.8	294.4	193.2
25°	999.0	965.4	929.3	1056.3	1084.6	899.4	886.3	934.3	811.7	476.8	272.3
22.5°	1342.8	1312.0	1296.5	1353.0	1392.4	1240.2	1186.5	1248.1	1215.0	700.5	417.9
20°	1700.3	1602.3	1571.7	1568.5	1534.8	1460.9	1426.0	1469.9	1324.0	949.1	568.9
17.5°	2152.9	1925.0	1812.6	1749.8	1691.6	1602.7	1656.8	1636.9	1465.0	1142.7	712.5
15°	2922.7	2390.4	2160.7	1986.1	1906.5	1958.8	1992.1	1878.9	1631.6	1277.1	906.6
12.5°	5484.4	2982.7	2573.5	2308.4	2241.2	2313.3	2357.4	2182.1	1855.5	1570.4	1227.5
10°	8736.5	4305.3	3072.4	2726.4	2583.9	2628.8	2648.6	2448.7	2162.5	1911.0	1573.0
7.5°	14282.0	6287.5	3560.8	3089.5	2856.1	2817.7	2826.8	2640.9	2425.3	2220.4	1930.8
5°	18613.6	7558.4	3909.9	3352.3	3069.3	3007.5	3021.5	2787.2	2653.2	2504.5	2286.4
2.5°	19586.0	7840.2	4183.3	3584.4	3261.9	3198.3	3230.4	2953.1	2846.3	2704.8	2518.0
0°	21601.2	8764.4	4387.4	3732.1	3409.6	3375.3	3441.0	3152.8	3024.5	2882.6	2714.0
-2.5°	18754.4	7546.1	4306.6	3679.0	3380.9	3346.8	3458.2	3279.7	3088.0	2898.9	2647.2
-5°	15911.2	6884.6	4191.1	3593.6	3332.4	3342.1	3487.2	3387.6	3153.5	2918.3	2531.8
-7.5°	12981.1	5984.8	4008.2	3480.3	3287.1	3369.7	3541.3	3477.6	3247.9	3034.8	2572.7
-10°	8588.9	4881.0	3777.2	3395.3	3310.6	3445.7	3630.0	3552.4	3346.2	3147.1	2553.8
-12.5°	6751.1	4142.0	3544.0	3334.2	3451.6	3654.3	3739.5	3589.2	3453.9	3259.1	2468.3
-15°	4721.7	3826.4	3456.5	3442.6	3676.0	3822.5	3790.3	3537.6	3404.3	3279.3	2312.3
-17.5°	3966.0	3547.3	3328.0	3436.5	3704.3	3873.6	3721.2	3453.3	3241.2	2941.3	1918.5
-20°	3479.5	3272.3	3260.3	3374.1	3534.9	3569.5	3519.7	3286.1	3006.6	2401.7	1539.8



REPORT NUMBER: P1306326 (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°	3148.2	3103.2	3160.6	3288.3	3169.3	3178.3	3146.3	2990.7	2704.8	1838.5	1188.5
-25°	2943.5	2979.8	3118.6	3087.1	2888.0	2814.5	2828.1	2663.0	2135.0	1375.6	904.5
-27.5°	2857.1	2974.4	3067.8	2980.0	2778.0	2616.3	2524.4	2299.1	1585.8	1079.6	824.1
-30°	2864.3	2978.6	2993.4	2861.3	2677.4	2507.8	2270.5	1733.2	1215.9	849.0	761.6
-32.5°	2926.0	2926.9	2862.1	2702.1	2551.8	2376.9	1866.0	1270.6	899.4	787.4	724.6
-35°	2912.0	2794.8	2642.0	2538.6	2455.0	2000.8	1450.2	975.7	793.5	737.0	694.2
-37.5°	2802.9	2584.5	2472.5	2351.0	2012.6	1552.2	1040.4	824.9	748.5	705.4	671.8
-40°	2726.2	2499.3	2160.1	1881.0	1466.9	1006.7	853.2	776.4	723.9	679.4	652.7
-42.5°	2372.9	2017.3	1644.9	1246.8	928.3	860.9	797.1	744.6	702.7	667.5	609.9
-45°	1645.4	1283.1	967.7	905.0	842.4	797.6	756.6	723.8	693.1	631.5	560.4
-47.5°	971.8	919.5	864.3	822.6	786.8	755.6	740.6	715.1	650.5	583.8	512.8
-50°	870.0	845.0	812.7	779.0	765.9	752.4	714.8	660.7	599.0	534.1	465.5
-52.5°	845.8	829.2	810.4	788.5	750.6	709.0	660.6	606.4	547.8	483.7	418.1
-55°	871.1	834.7	792.8	749.0	702.3	654.5	604.5	550.5	492.9	431.2	371.9
-57.5°	827.2	785.8	739.3	691.6	643.0	591.3	538.6	486.4	435.4	379.5	325.5
-60°	762.0	716.3	670.5	620.7	566.7	514.6	469.6	423.1	375.4	330.9	285.5
-62.5°	684.1	642.9	590.8	536.8	488.1	445.2	402.3	360.8	323.2	284.6	231.9
-65°	560.3	516.8	475.0	436.4	399.7	365.3	329.5	290.8	250.6	211.3	167.0
-67.5°	417.2	385.9	356.6	327.5	296.2	264.4	230.0	196.3	167.9	140.6	108.5
-70°	272.9	248.2	223.6	199.6	179.6	161.2	140.3	118.0	95.0	79.7	66.5
-72.5°	151.1	136.0	121.3	107.7	92.9	83.9	76.0	67.0	57.6	47.7	39.9
-75°	77.1	70.4	64.1	59.0	53.3	47.0	43.3	40.8	38.3	35.8	33.1
-77.5°	45.4	42.8	40.5	39.0	37.3	35.6	33.7	31.9	30.1	28.2	26.1
-80°	32.8	31.3	29.8	28.6	27.5	26.3	25.2	23.7	22.2	20.8	19.8
-82.5°	22.4	21.3	20.3	19.8	19.4	18.9	18.3	17.6	16.9	16.2	15.6
-85°	15.1	14.6	14.1	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.2
-87.5°	11.2	10.8	10.4	10.4	10.3	10.2	10.1	10.1	10.1	10.0	10.0
-90°	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.5	4.5	4.5	4.5



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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°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6	8.3	7.9
87.5°	4.9	5.3	5.6	6.0	6.0	6.0	6.0	6.0	6.4	6.8	7.1
85°	4.9	5.3	5.6	6.0	6.0	6.0	6.0	6.0	6.4	6.8	7.1
82.5°	4.9	5.3	5.7	6.0	6.2	6.4	6.4	6.4	6.6	6.8	7.1
80°	5.7	5.7	5.8	6.1	6.4	6.8	7.0	7.0	7.0	7.0	7.2
77.5°	6.2	6.2	6.0	6.1	6.5	6.8	7.2	7.5	7.4	7.3	7.3
75°	6.5	6.7	6.8	6.7	6.7	6.9	7.2	7.5	7.5	7.5	7.4
72.5°	6.6	6.9	7.3	7.5	7.2	7.2	7.3	7.5	7.5	7.5	7.5
70°	7.5	7.1	7.4	7.5	7.5	7.5	7.4	7.6	7.5	7.5	7.5
67.5°	9.0	7.9	7.5	7.5	7.5	7.5	7.5	7.7	7.7	7.5	7.5
65°	17.7	11.6	7.5	7.5	7.5	7.5	7.5	7.8	8.0	7.8	7.5
62.5°	24.8	17.6	12.0	8.6	7.5	7.5	7.5	7.9	8.2	8.2	7.8
60°	30.0	21.9	16.4	12.3	8.9	7.5	7.6	8.0	8.3	8.6	8.2
57.5°	29.0	24.3	20.0	15.6	11.7	8.6	7.7	8.0	8.4	8.7	8.6
55°	25.5	22.0	22.2	18.7	14.2	10.5	8.3	8.1	8.4	8.8	9.0
52.5°	19.9	20.6	22.3	20.9	16.7	12.4	9.8	8.2	8.5	8.8	9.0
50°	16.1	19.0	22.3	22.5	19.0	14.6	11.1	9.2	8.6	8.9	9.0
47.5°	16.4	19.1	21.3	24.1	21.8	16.5	12.6	10.1	8.7	9.0	9.0
45°	19.0	21.1	22.0	23.7	24.2	18.4	14.0	10.8	9.3	9.0	9.0
42.5°	22.5	24.3	24.9	23.7	24.1	20.0	15.2	11.8	9.8	9.1	9.1
40°	30.9	28.4	28.7	28.1	24.5	21.3	16.3	12.6	10.2	9.4	9.2
37.5°	40.6	35.7	33.1	35.8	27.5	22.5	17.0	13.2	10.8	9.8	9.3
35°	53.3	45.7	43.5	46.0	37.3	24.4	17.5	13.7	11.9	10.2	9.5
32.5°	67.7	66.3	65.9	57.5	49.7	27.2	18.8	15.4	13.1	10.6	9.7
30°	102.0	102.9	97.4	70.9	63.5	38.6	22.2	17.4	14.6	10.9	9.9
27.5°	159.8	145.9	136.2	98.6	76.3	52.5	26.8	19.7	16.2	11.6	10.2
25°	221.8	198.0	178.0	136.1	90.4	70.6	31.4	22.2	18.0	12.8	10.5
22.5°	294.9	251.5	224.2	178.8	113.0	90.8	41.0	26.1	20.0	14.1	10.8
20°	367.8	304.6	274.6	219.3	146.2	109.6	56.6	29.9	22.1	15.4	11.1
17.5°	449.6	371.8	329.2	260.1	182.4	130.5	73.0	33.5	24.3	16.8	11.3
15°	611.1	456.0	388.8	305.2	215.8	152.9	89.8	36.9	26.5	18.1	11.7
12.5°	806.6	540.2	452.7	353.3	246.5	176.4	106.7	40.2	28.8	19.5	12.2
10°	1021.6	623.4	519.4	402.9	274.6	200.4	123.3	44.9	31.5	21.0	12.8
7.5°	1246.3	704.8	587.2	452.6	305.7	237.2	163.4	53.3	34.3	22.3	13.3
5°	1464.9	782.6	660.9	526.6	365.7	286.4	208.7	62.1	37.0	23.4	13.9
2.5°	1649.4	854.3	734.4	600.2	424.2	333.8	253.5	70.8	39.5	24.5	14.4
0°	1807.8	921.1	803.1	668.8	480.7	379.2	295.6	79.1	41.8	25.4	14.9
-2.5°	1684.4	925.3	811.0	694.9	523.0	415.9	319.1	100.2	54.3	32.1	17.9
-5°	1539.9	925.6	816.5	717.0	562.1	449.7	337.6	120.1	66.2	38.4	20.8
-7.5°	1532.1	929.3	823.1	735.0	597.9	479.9	350.7	138.2	77.1	44.2	23.5
-10°	1513.0	933.3	831.2	738.7	605.1	491.2	356.4	154.1	87.0	49.4	25.8
-12.5°	1435.6	933.0	837.8	737.5	603.1	485.8	345.3	166.5	95.6	53.7	27.7
-15°	1291.9	928.2	843.4	731.2	595.9	477.9	332.4	176.2	104.7	58.5	29.2
-17.5°	1064.7	918.9	848.3	719.8	583.2	467.6	318.7	183.6	112.2	63.9	31.4
-20°	962.4	888.1	848.9	703.1	564.5	455.2	304.7	188.4	118.1	68.0	33.9



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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°	896.0	841.8	792.7	680.4	543.3	440.7	291.4	190.6	122.1	70.7	35.5
-25°	824.5	793.3	735.2	633.0	523.8	418.5	285.3	190.0	124.3	71.7	36.1
-27.5°	765.1	740.7	685.5	587.4	494.7	399.2	283.1	191.6	124.8	71.1	35.5
-30°	709.6	689.7	636.2	546.0	463.9	370.0	277.4	190.9	124.0	70.1	33.9
-32.5°	677.2	650.7	589.0	510.6	429.9	339.6	260.7	187.5	120.7	68.1	33.0
-35°	660.0	613.2	546.0	473.9	394.6	313.7	240.0	181.4	115.1	64.5	32.0
-37.5°	640.6	574.2	505.1	435.6	359.0	286.7	221.6	165.4	107.0	59.1	30.2
-40°	596.5	532.0	464.6	396.7	326.9	258.5	201.5	148.1	98.6	51.9	27.6
-42.5°	550.0	486.3	422.7	357.8	295.0	234.5	179.9	129.6	85.7	46.5	24.2
-45°	498.8	439.2	379.6	321.7	262.9	208.8	158.1	110.4	71.4	41.7	21.6
-47.5°	446.5	392.2	338.3	284.8	232.9	181.9	134.9	93.5	56.5	35.7	20.8
-50°	396.2	346.8	298.4	250.7	201.9	155.0	111.7	75.7	47.9	28.1	19.9
-52.5°	355.0	304.2	261.2	217.5	171.2	126.8	91.0	58.0	38.8	24.5	18.7
-55°	314.3	265.2	226.2	182.5	138.9	101.9	69.5	47.4	29.3	22.6	17.4
-57.5°	277.5	230.0	186.7	144.9	109.1	77.4	53.5	36.2	25.4	20.6	16.6
-60°	237.9	186.4	143.5	110.8	80.6	57.1	40.6	27.6	23.1	18.7	15.6
-62.5°	183.0	139.5	106.2	78.1	57.9	42.3	29.2	25.0	20.8	17.6	14.5
-65°	130.3	97.6	70.2	55.3	40.9	30.2	26.3	22.3	19.2	16.3	13.6
-67.5°	79.2	63.9	49.2	36.0	30.4	26.9	23.2	20.4	17.7	15.1	12.8
-70°	52.9	39.9	33.4	30.1	26.8	23.6	21.1	18.8	16.3	14.0	12.0
-72.5°	36.0	32.4	29.1	26.1	23.4	21.1	19.1	17.1	14.9	13.0	11.2
-75°	30.0	27.2	24.6	22.3	20.2	18.4	16.9	15.4	13.5	11.8	10.6
-77.5°	23.9	21.8	19.9	18.4	17.1	15.9	14.8	13.7	12.3	11.1	10.2
-80°	18.6	17.5	16.3	15.1	14.2	13.4	12.9	12.4	11.3	10.4	9.7
-82.5°	14.6	13.8	13.0	12.2	11.8	11.6	11.3	11.2	10.4	9.7	9.2
-85°	11.6	11.0	10.3	9.7	9.7	9.7	10.0	10.2	9.7	9.2	8.8
-87.5°	9.7	9.4	9.2	9.0	9.2	9.4	9.5	9.6	9.2	8.7	8.3
-90°	4.9	5.3	5.6	6.0	6.0	6.0	6.0	6.0	6.4	6.8	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
67.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5
65°	7.6	7.6	7.5	7.5	7.5	7.5	7.5
62.5°	7.7	7.7	7.5	7.5	7.5	7.5	7.5
60°	7.8	7.8	7.5	7.5	7.5	7.5	7.5
57.5°	8.1	7.9	7.6	7.5	7.5	7.5	7.5
55°	8.4	8.1	7.8	7.5	7.5	7.5	7.5
52.5°	8.6	8.3	8.0	7.5	7.5	7.5	7.5
50°	8.8	8.4	8.1	7.5	7.5	7.5	7.5
47.5°	9.0	8.6	8.3	7.5	7.5	7.5	7.5
45°	9.0	8.7	8.5	7.7	7.5	7.5	7.5
42.5°	9.0	8.8	8.7	7.8	7.5	7.5	7.5
40°	9.0	8.9	8.8	7.9	7.5	7.5	7.5
37.5°	9.0	9.0	8.9	8.1	7.5	7.5	7.5
35°	9.0	9.0	8.9	8.2	7.5	7.5	7.5
32.5°	9.0	9.0	9.0	8.3	7.5	7.5	7.5
30°	9.2	9.0	9.0	8.4	7.5	7.5	7.5
27.5°	9.3	9.0	9.0	8.5	7.5	7.5	7.5
25°	9.5	9.0	9.0	8.6	7.5	7.5	7.5
22.5°	9.7	9.0	9.0	8.7	7.5	7.5	7.5
20°	9.9	9.1	9.0	8.7	7.5	7.5	7.5
17.5°	10.1	9.3	9.0	8.8	7.5	7.5	7.5
15°	10.4	9.4	9.0	8.8	7.5	7.5	7.5
12.5°	10.7	9.6	9.0	8.9	7.5	7.5	7.5
10°	11.0	9.7	9.0	8.9	7.5	7.5	7.5
7.5°	11.2	9.9	9.0	9.0	7.5	7.5	7.5
5°	11.5	10.1	9.0	9.0	7.5	7.5	7.5
2.5°	11.7	10.2	9.0	9.0	7.5	7.5	7.5
0°	11.9	10.4	9.0	9.0	7.5	7.5	7.5
-2.5°	12.7	10.6	9.1	9.0	7.6	7.5	7.5
-5°	13.4	10.7	9.2	9.0	7.6	7.5	7.5
-7.5°	14.1	10.8	9.4	9.0	7.7	7.5	7.5
-10°	14.7	10.9	9.5	8.9	7.8	7.5	7.5
-12.5°	15.2	11.0	9.6	8.9	7.8	7.5	7.5
-15°	15.6	11.1	9.6	8.9	7.9	7.5	7.5
-17.5°	15.8	11.2	9.7	8.9	7.9	7.5	7.5
-20°	16.4	11.2	9.7	8.9	8.0	7.5	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.3	11.3	9.7	8.9	8.0	7.5	7.5
-25°	17.9	11.6	9.7	8.8	8.0	7.5	7.5
-27.5°	18.0	11.9	9.7	8.8	8.0	7.5	7.5
-30°	17.7	12.1	9.7	8.9	8.0	7.5	7.5
-32.5°	16.8	12.3	9.7	8.9	8.1	7.5	7.5
-35°	16.6	12.3	9.8	8.9	8.0	7.5	7.5
-37.5°	16.6	12.3	9.8	8.9	8.0	7.5	7.5
-40°	16.5	12.3	9.8	9.0	8.0	7.5	7.5
-42.5°	16.2	12.2	9.8	9.0	8.0	7.5	7.5
-45°	15.8	12.1	9.8	9.1	7.9	7.5	7.5
-47.5°	15.2	11.9	9.8	9.1	7.9	7.5	7.5
-50°	14.8	11.6	9.8	9.0	7.8	7.5	7.5
-52.5°	14.3	11.3	9.8	8.9	7.8	7.5	7.5
-55°	13.8	11.1	9.7	8.7	7.7	7.5	7.5
-57.5°	13.2	10.9	9.6	8.6	7.6	7.5	7.5
-60°	12.5	10.7	9.5	8.5	7.5	7.5	7.5
-62.5°	12.0	10.4	9.3	8.3	7.5	7.5	7.5
-65°	11.5	10.1	9.1	8.2	7.5	7.5	7.5
-67.5°	11.0	9.8	8.9	8.0	7.5	7.5	7.5
-70°	10.4	9.5	8.7	7.8	7.5	7.5	7.5
-72.5°	10.0	9.2	8.5	7.8	7.5	7.5	7.5
-75°	9.7	9.0	8.2	7.8	7.5	7.5	7.5
-77.5°	9.3	8.7	8.1	7.7	7.5	7.5	7.5
-80°	9.0	8.4	8.0	7.7	7.5	7.5	7.5
-82.5°	8.6	8.2	7.9	7.6	7.5	7.5	7.5
-85°	8.3	8.0	7.8	7.6	7.5	7.5	7.5
-87.5°	7.9	7.7	7.6	7.5	7.5	7.5	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)