

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: P1305863 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-80-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

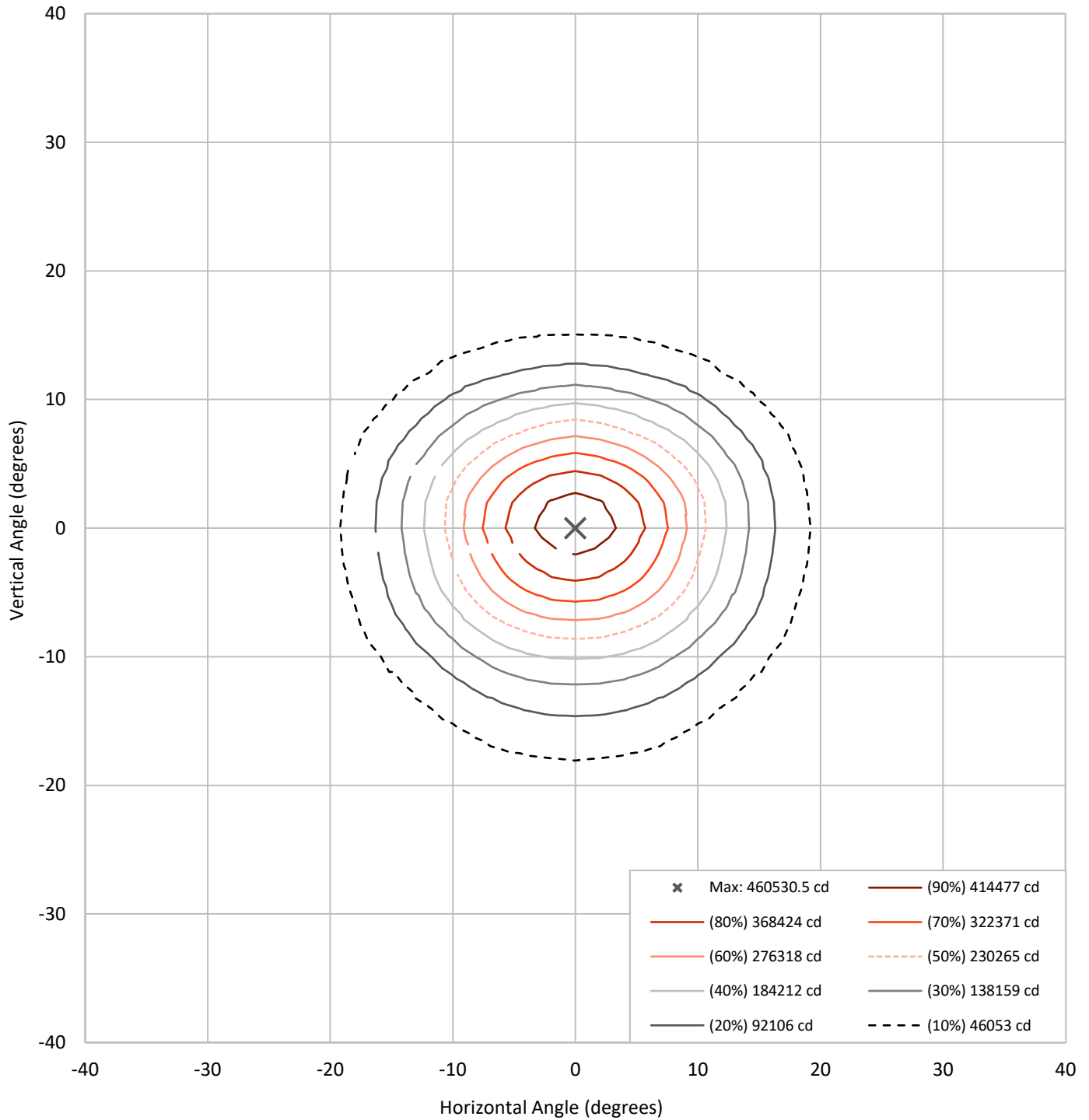
Test Method: LM-79-08
Report Number: P1305863 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-57-80-2S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	62116.1 lumens	Max Intensity:	460530.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	27183.5 lumens	Field Lumens:	52615.6 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	711		
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





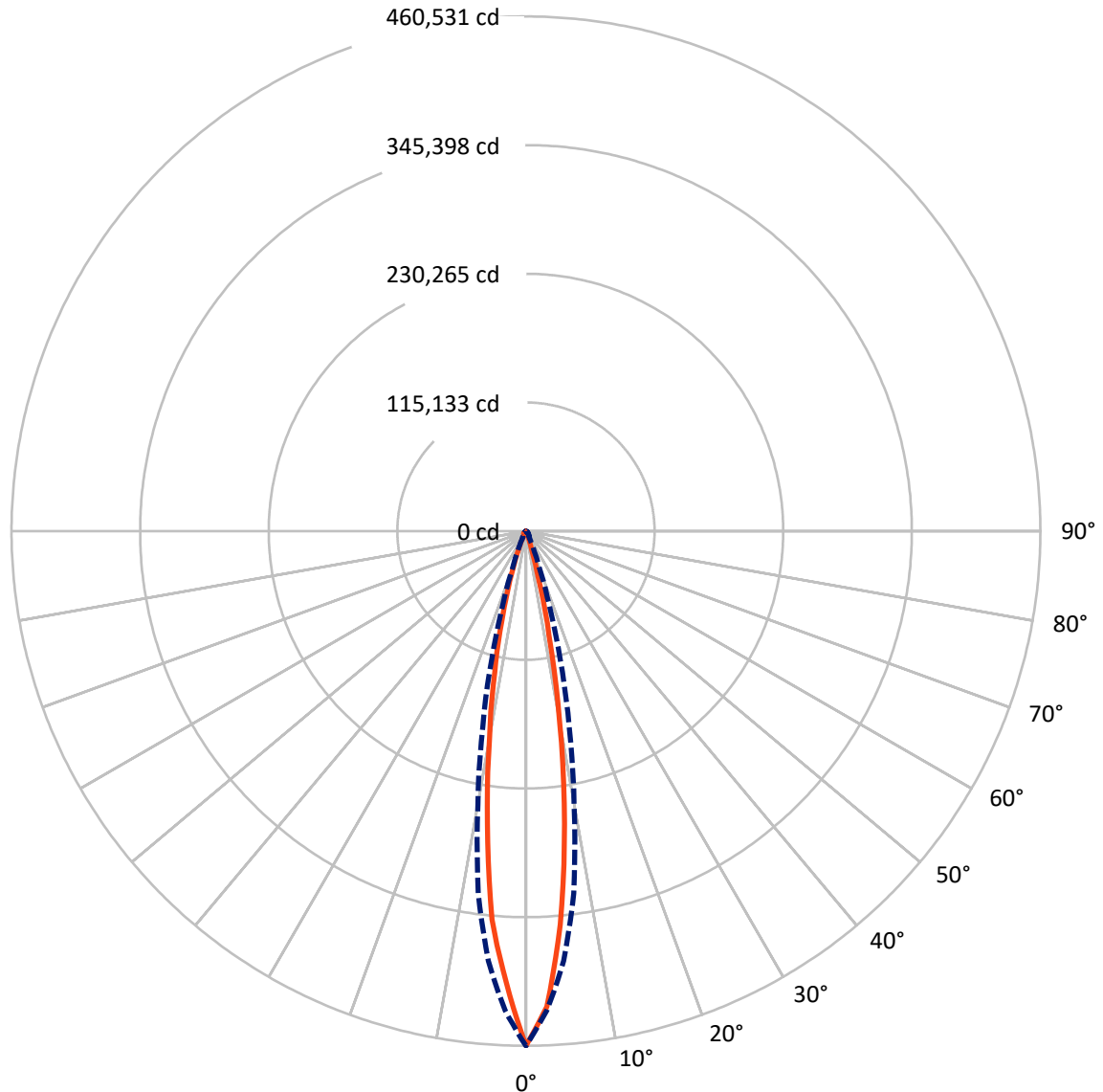
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Lumen Table

90	0.2	0.5		0.7		0.8		1.0		0.8		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.8		1.0		0.8		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.7	0.8	0.4	0.2	0.2	0.2	0.2	0.4	0.8	0.7	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1					
50	0.2	0.2	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.2	0.2			
40		0.3	0.6	0.9	1.6	2.3	2.6	3.1	3.1	2.6	2.3	1.6	0.9	0.6	0.3				
30	0.3	0.5	1.6	4.0	7.7	10.0	17.6	37.3	37.3	17.6	10.0	7.7	4.0	1.6	0.5	0.3			
20		1.2	5.7	19.1	39.9	72.4	499.7	1539.2	1539.2	499.7	72.4	39.9	19.1	5.7	1.2				
10	0.4	2.2	11.9	46.4	93.1	295.5	2885.2	8576.5	8576.5	2885.2	295.5	93.1	46.4	11.9	2.2	0.4			
0		2.8	14.1	54.3	106.2	308.4	2944.9	8622.7	8622.7	2944.9	308.4	106.2	54.3	14.1	2.8				
-10	0.7	3.0	12.3	40.6	82.1	133.1	813.2	2415.7	2415.7	813.2	133.1	82.1	40.6	12.3	3.0	0.7			
-20		3.0	10.4	24.0	61.1	86.7	131.0	275.0	275.0	131.0	86.7	61.1	24.0	10.4	3.0				
-30	0.5	2.6	8.4	16.7	37.4	71.5	91.0	97.8	97.8	91.0	71.5	37.4	16.7	8.4	2.6	0.5			
-40		1.8	6.2	13.3	22.6	36.6	59.4	77.2	77.2	59.4	36.6	22.6	13.3	6.2	1.8				
-50	0.4	0.9	3.6	8.4	15.3	22.3	27.5	30.6	30.6	27.5	22.3	15.3	8.4	3.6	0.9	0.4			
-60		0.4	1.2	3.6	6.8	10.5	14.2	16.6	16.6	14.2	10.5	6.8	3.6	1.2	0.4				
-70	0.2	1.2		3.1		7.8		12.1		7.8		3.1		1.2		0.2			
-80		1.2		3.1		7.8		12.1		7.8		3.1		1.2					
-90	0.2	1.2		3.1		7.8		12.1		7.8		3.1		1.2		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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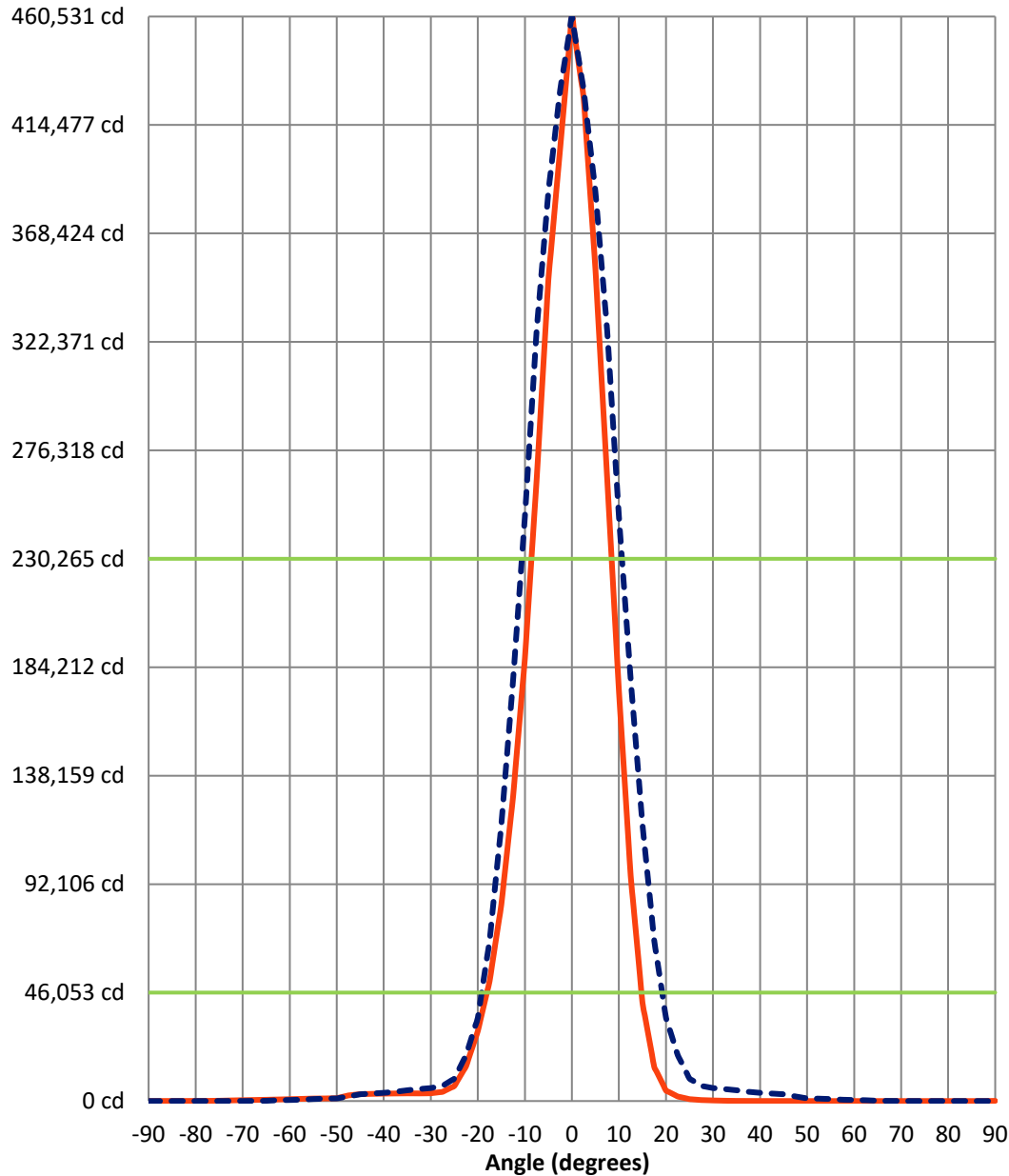
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.3°
V Angle: 17°
Lumens: 27183.5
Efficiency: 43.8%

Field:
H Angle: 38.4°
V Angle: 32.9°
Lumens: 52615.6
Efficiency: 84.7%

Spill:
Lumens: 9500.5
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°	7.7	7.7	7.7	8.2	8.7	9.1	9.6	10.1	10.6	11.0	11.5
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4	7.0	6.8	6.5
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.5	7.4	7.4	7.4
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.7	7.7	7.7	7.7	7.9	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.9	8.0	7.8	7.7	7.7	7.7	7.7
70°	7.7	7.7	7.7	7.7	8.1	8.1	7.9	7.7	7.7	7.7	7.8
67.5°	7.7	7.7	7.7	7.9	8.3	8.3	7.9	7.7	7.7	8.0	7.9
65°	7.7	7.7	7.7	8.1	8.5	8.4	8.0	7.7	8.1	8.3	8.1
62.5°	7.7	7.7	7.7	8.3	8.7	8.4	8.0	8.0	8.6	8.6	8.2
60°	7.7	7.7	7.7	8.5	8.9	8.5	8.1	8.5	9.0	8.7	8.3
57.5°	7.7	7.7	7.8	8.7	8.9	8.5	8.5	9.1	9.2	8.8	8.8
55°	7.7	7.7	8.0	8.9	9.0	8.6	9.0	9.6	9.3	9.0	9.6
52.5°	7.7	7.7	8.1	9.1	9.0	8.7	9.5	9.8	9.4	9.7	10.4
50°	7.7	7.7	8.2	9.3	9.1	9.1	9.9	10.0	9.6	10.4	12.0
47.5°	7.7	7.7	8.4	9.5	9.1	9.5	10.3	10.2	10.2	11.1	13.4
45°	7.7	7.7	8.5	9.5	9.2	9.8	10.6	10.5	11.0	12.0	14.5
42.5°	7.7	7.7	8.6	9.6	9.3	10.2	10.9	11.0	11.7	12.6	16.0
40°	7.7	7.7	8.7	9.6	9.4	10.6	11.2	11.6	12.4	13.1	17.4
37.5°	7.7	7.7	8.8	9.7	9.7	10.9	11.5	12.2	13.3	14.5	18.7
35°	7.7	7.7	8.9	9.7	10.0	11.2	11.9	12.7	14.3	16.5	19.4
32.5°	7.7	7.7	9.0	9.8	10.2	11.5	12.3	13.3	15.4	18.6	21.0
30°	7.7	7.7	9.1	9.9	10.5	11.8	12.7	14.0	16.6	20.7	22.9
27.5°	7.7	7.7	9.2	10.0	10.7	12.1	13.2	14.9	18.0	22.8	25.2
25°	7.7	7.7	9.2	10.1	10.9	12.4	13.7	15.9	19.8	24.7	27.9
22.5°	7.7	7.7	9.3	10.2	11.0	12.7	14.1	16.9	21.4	26.7	33.1
20°	7.7	7.7	9.4	10.4	11.2	12.8	14.5	17.9	23.1	28.9	39.0
17.5°	7.7	7.7	9.4	10.5	11.3	13.0	14.9	18.9	24.7	31.2	45.3
15°	7.7	7.7	9.5	10.6	11.4	13.1	15.2	19.8	26.2	33.6	51.9
12.5°	7.7	7.7	9.5	10.8	11.4	13.2	15.6	20.5	27.7	36.0	58.6
10°	7.7	7.7	9.5	10.9	11.5	13.3	15.9	21.2	29.2	40.0	66.6
7.5°	7.7	7.7	9.6	11.1	11.5	13.3	16.3	21.7	30.7	44.4	77.3
5°	7.7	7.7	9.6	11.2	11.5	13.4	16.6	22.2	32.1	48.9	87.8
2.5°	7.7	7.7	9.6	11.4	11.5	13.4	16.9	22.7	33.4	53.3	97.9
0°	7.7	7.7	9.6	11.5	11.5	13.4	17.2	23.0	34.5	57.5	107.3
-2.5°	7.7	7.7	9.7	11.6	11.8	13.8	18.7	27.5	43.4	71.1	124.6
-5°	7.7	7.8	9.8	11.7	12.2	14.2	20.1	31.7	52.0	84.1	140.7
-7.5°	7.7	7.8	9.8	11.8	12.5	14.6	21.4	35.7	60.0	96.2	155.5
-10°	7.7	7.9	9.9	11.9	12.8	14.9	22.6	39.2	67.1	107.3	168.7
-12.5°	7.7	7.9	9.9	12.0	13.1	15.3	23.5	42.1	73.3	117.0	180.0
-15°	7.7	7.9	10.0	12.0	13.3	15.6	24.3	44.4	78.9	125.4	189.4
-17.5°	7.7	8.0	10.0	12.1	13.6	15.9	24.7	46.8	83.9	132.3	196.7
-20°	7.7	8.0	10.0	12.1	13.8	16.1	25.2	48.9	87.6	137.8	201.9



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 CATALOG NUMBER: EPH-08-680R-57-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	8.0	10.0	12.2	14.0	16.4	25.8	49.9	90.0	141.8	204.7
-25°	7.7	8.1	10.0	12.2	14.1	16.7	25.9	49.9	91.0	144.1	205.2
-27.5°	7.7	8.1	10.0	12.2	14.2	17.0	25.5	48.6	90.4	144.8	207.0
-30°	7.7	8.1	10.0	12.2	14.3	17.3	24.5	46.1	88.8	143.8	206.7
-32.5°	7.7	8.1	10.0	12.1	14.4	17.4	23.0	44.5	85.8	140.6	204.2
-35°	7.7	8.1	10.0	12.1	14.4	17.3	22.5	42.6	81.0	135.3	199.4
-37.5°	7.7	8.2	10.0	12.1	14.4	17.3	22.4	39.8	74.3	127.9	185.4
-40°	7.7	8.2	9.9	12.0	14.4	17.2	22.2	36.2	65.7	118.5	169.1
-42.5°	7.7	8.2	9.9	11.9	14.3	17.2	21.7	31.6	58.9	103.7	151.2
-45°	7.7	8.2	9.8	11.9	14.2	17.0	21.1	28.2	52.7	87.2	131.8
-47.5°	7.7	8.2	9.8	11.8	14.1	16.9	20.2	27.1	45.1	69.9	112.2
-50°	7.7	8.2	9.7	11.6	13.9	16.6	19.8	25.8	35.6	59.1	91.5
-52.5°	7.7	8.2	9.6	11.5	13.7	16.4	19.5	24.2	31.0	47.8	70.6
-55°	7.7	8.1	9.5	11.3	13.5	16.0	19.1	22.5	28.5	36.0	57.3
-57.5°	7.7	8.1	9.4	11.2	13.2	15.7	18.6	21.9	26.0	31.2	43.5
-60°	7.7	8.1	9.3	11.0	12.9	15.2	18.0	21.0	23.7	28.4	32.9
-62.5°	7.7	8.1	9.3	10.8	12.6	14.7	17.3	20.1	22.5	25.6	29.9
-65°	7.7	8.1	9.2	10.5	12.2	14.2	16.6	19.1	21.3	23.8	26.9
-67.5°	7.7	8.0	9.0	10.3	11.8	13.7	15.9	18.1	19.9	22.1	24.7
-70°	7.7	8.0	8.9	10.0	11.4	13.1	15.1	17.2	19.0	20.4	22.6
-72.5°	7.7	8.0	8.8	9.8	11.0	12.5	14.3	16.2	18.0	19.5	20.7
-75°	7.7	7.9	8.6	9.6	10.6	11.9	13.4	15.2	17.1	18.6	20.0
-77.5°	7.7	7.9	8.5	9.4	10.2	11.2	12.5	14.2	15.9	17.7	19.2
-80°	7.7	7.9	8.3	9.1	9.9	10.7	11.6	13.1	14.7	16.3	17.8
-82.5°	7.7	7.8	8.2	8.9	9.6	10.3	11.0	12.2	13.4	14.8	16.3
-85°	7.7	7.8	8.0	8.7	9.3	9.9	10.6	11.5	12.5	13.5	14.7
-87.5°	7.7	7.7	7.9	8.4	9.0	9.5	10.1	10.8	11.5	12.3	13.1
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.2	6.7	6.2	5.7



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 CATALOG NUMBER: EPH-08-680R-57-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.5	11.5	11.5	11.5	12.0	12.5	12.9	13.4	13.9	14.3	14.8
87.5°	6.4	6.2	6.0	5.7	5.7	5.7	5.7	5.7	5.2	4.8	4.3
85°	7.1	6.7	6.3	6.0	6.0	6.0	5.9	5.7	5.5	5.3	5.1
82.5°	7.4	7.2	7.1	7.1	7.0	6.7	6.2	5.7	5.7	5.7	5.7
80°	7.6	7.7	7.7	7.7	7.3	6.8	6.3	5.8	5.7	5.8	5.8
77.5°	7.7	7.7	7.7	7.7	7.3	7.0	6.8	6.8	6.8	6.6	6.3
75°	7.7	7.7	7.7	7.7	7.6	7.6	7.7	7.7	7.5	7.4	7.4
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	9.3	11.4	12.8
70°	7.7	7.7	7.7	7.7	7.7	8.4	11.2	14.9	18.6	20.8	23.2
67.5°	7.7	7.7	7.7	8.1	10.0	13.2	17.4	25.5	34.6	37.3	37.2
65°	7.7	7.7	8.6	10.6	13.1	19.6	28.4	39.1	47.3	46.0	42.7
62.5°	7.7	8.6	10.4	13.7	19.1	27.1	35.3	43.1	51.2	49.0	41.7
60°	8.5	9.7	13.2	18.7	24.4	30.0	37.9	42.9	47.2	47.4	36.5
57.5°	9.4	11.8	17.1	22.7	27.2	30.9	34.2	38.0	39.4	38.4	28.0
55°	10.9	14.9	20.5	25.6	28.6	27.0	28.5	29.4	28.9	26.3	18.4
52.5°	13.3	17.7	23.3	27.4	27.5	24.1	21.4	21.5	19.5	16.0	13.6
50°	15.4	20.5	25.9	28.1	26.1	20.7	16.2	15.7	14.4	12.8	11.5
47.5°	17.6	23.0	27.9	28.6	23.3	19.0	15.0	13.6	12.8	12.5	11.9
45°	19.6	24.6	29.6	26.5	22.0	18.8	16.1	13.3	13.7	13.6	13.0
42.5°	21.4	25.6	27.9	24.7	22.4	20.3	18.3	16.4	15.3	15.7	15.6
40°	22.1	26.2	26.5	25.9	23.9	23.1	22.8	21.3	18.2	19.6	20.0
37.5°	22.4	25.9	27.2	29.3	26.9	27.7	28.5	29.0	26.8	25.3	29.1
35°	22.4	26.4	31.8	34.8	33.3	34.0	37.4	38.8	37.9	37.3	44.2
32.5°	22.8	27.7	38.1	41.7	44.0	45.1	48.0	50.7	53.4	57.7	70.9
30°	25.5	33.7	45.7	49.7	57.2	65.4	63.3	64.8	71.8	97.8	120.4
27.5°	31.1	41.8	53.3	61.6	73.9	91.4	94.2	86.5	109.2	148.9	185.9
25°	37.7	67.4	61.6	75.9	99.4	122.8	133.8	138.9	165.6	219.1	260.7
22.5°	51.9	101.5	99.1	91.6	128.7	159.4	186.3	239.8	315.0	331.9	340.8
20°	76.8	135.3	145.0	152.6	172.7	200.5	247.1	375.1	535.1	594.0	532.8
17.5°	106.4	172.4	196.3	231.3	277.1	286.0	324.4	536.4	811.7	907.8	926.4
15°	139.6	212.0	250.8	319.4	389.0	422.2	534.0	797.5	1114.5	1271.4	1380.1
12.5°	175.3	253.6	307.6	414.7	506.8	559.2	797.9	1199.5	1503.8	1687.1	1974.0
10°	212.2	296.4	366.0	514.8	628.7	696.2	1089.2	1614.7	1921.3	2129.7	2498.9
7.5°	250.6	337.7	423.9	617.0	752.6	832.4	1396.0	2033.6	2327.9	2555.0	2926.9
5°	287.4	375.7	475.6	703.1	855.5	950.3	1680.3	2444.6	2722.8	2963.6	3296.7
2.5°	321.1	412.1	525.5	782.2	941.8	1039.3	1842.1	2679.5	2974.4	3261.2	3625.9
0°	350.6	446.4	572.9	854.6	1023.2	1124.7	1973.5	2883.7	3188.3	3500.7	3937.5
-2.5°	355.0	456.8	587.6	847.9	1008.0	1111.6	1939.1	2852.2	3222.6	3587.1	4043.1
-5°	354.7	464.4	598.3	834.6	988.3	1094.5	1871.6	2780.2	3210.2	3571.5	3999.7
-7.5°	350.6	469.0	604.9	814.9	957.7	1056.2	1741.9	2603.2	3054.0	3372.4	3783.8
-10°	343.7	467.4	595.8	781.5	914.4	1004.4	1576.3	2394.2	2889.7	3169.0	3534.9
-12.5°	334.7	460.7	581.5	745.8	872.1	951.4	1384.0	2157.3	2721.6	2967.0	3266.4
-15°	324.4	452.4	564.8	709.1	832.3	897.9	1167.5	1896.1	2555.6	2810.4	3044.8
-17.5°	313.4	442.5	545.7	672.8	796.7	844.6	933.7	1611.3	2319.3	2640.0	2877.6
-20°	302.5	431.4	524.7	637.9	762.9	809.6	867.3	1337.3	1975.7	2443.2	2694.6



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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°	292.2	419.3	505.0	609.3	725.0	790.5	835.0	1069.5	1613.0	2223.2	2499.2
-25°	288.2	401.5	488.6	582.7	688.9	772.8	805.0	844.4	1282.4	1867.3	2301.3
-27.5°	287.4	386.5	470.4	554.0	653.0	749.8	783.4	812.5	1035.7	1509.8	2072.3
-30°	283.6	366.1	450.0	525.6	618.5	709.2	766.8	798.9	849.1	1215.4	1683.7
-32.5°	271.1	344.5	426.1	501.2	582.8	670.3	753.0	792.4	833.6	934.3	1326.7
-35°	254.9	324.8	400.6	474.7	546.1	632.4	717.4	787.2	818.2	865.1	1028.6
-37.5°	239.8	302.9	374.3	446.2	515.2	593.1	679.2	757.4	811.6	847.9	906.3
-40°	222.6	279.1	348.0	416.9	483.2	554.1	634.0	714.8	788.1	850.5	895.4
-42.5°	203.4	258.0	319.9	386.4	448.8	515.8	586.5	664.9	747.9	833.5	897.1
-45°	181.6	234.6	290.4	350.9	411.3	474.3	541.2	611.5	695.7	782.9	867.9
-47.5°	158.0	208.9	261.9	313.0	370.4	429.7	492.2	560.9	635.4	718.1	805.4
-50°	133.1	180.5	229.9	277.1	326.8	382.1	439.8	505.7	575.0	647.4	725.7
-52.5°	108.8	150.1	195.8	241.2	285.3	332.4	386.5	445.7	509.6	576.5	641.9
-55°	83.3	120.9	160.1	203.0	245.5	286.3	331.4	384.7	439.4	500.1	558.1
-57.5°	63.9	91.3	126.0	162.7	202.7	242.8	283.3	323.5	371.7	422.1	469.9
-60°	47.9	66.8	92.7	124.7	157.7	195.4	235.2	273.2	309.9	344.8	386.0
-62.5°	33.9	48.7	66.0	87.6	116.8	146.7	181.0	217.4	254.6	284.8	312.4
-65°	30.7	34.1	45.7	61.4	77.0	103.2	130.5	157.6	189.4	218.5	245.8
-67.5°	27.5	30.6	33.6	39.0	53.0	68.1	83.3	107.2	130.8	151.8	172.5
-70°	25.0	27.2	29.7	32.4	35.3	41.8	55.0	68.2	81.5	96.8	115.1
-72.5°	22.7	24.8	26.7	28.3	30.9	34.0	37.2	40.6	48.2	58.8	69.8
-75°	21.1	22.6	24.5	26.2	27.7	29.4	31.5	34.3	36.9	39.2	41.3
-77.5°	20.0	20.9	22.2	23.9	25.0	26.0	27.2	28.8	30.7	32.7	34.8
-80°	18.6	19.2	19.9	20.8	21.6	22.4	23.2	23.9	24.9	26.3	27.8
-82.5°	16.8	17.2	17.7	18.1	18.4	18.8	19.3	19.9	20.5	21.2	21.9
-85°	15.0	15.3	15.6	15.9	15.8	15.7	15.8	15.8	16.1	16.5	16.8
-87.5°	13.3	13.4	13.5	13.7	13.7	13.7	13.6	13.4	13.5	13.6	13.7
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.2	4.8	4.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	15.3	15.3	15.3	15.3	15.3	20.6	25.8	31.1	36.4	45.5	54.6
87.5°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.9	1.9
85°	5.0	4.8	4.5	4.2	3.8	3.7	3.7	3.7	3.7	3.3	2.8
82.5°	5.7	5.3	4.8	4.3	3.8	3.5	3.0	2.6	2.1	2.0	1.9
80°	5.7	5.3	4.8	4.3	3.9	3.7	3.6	3.5	3.5	3.6	3.7
77.5°	6.0	5.7	5.2	4.6	4.0	3.8	3.8	3.8	3.8	3.4	3.0
75°	7.5	7.4	7.2	6.7	5.9	5.5	5.2	4.7	4.0	3.7	3.7
72.5°	13.6	13.5	12.8	12.1	10.6	9.7	9.3	8.9	8.4	8.3	8.2
70°	24.1	23.6	22.3	19.7	16.0	13.6	12.5	11.4	10.1	9.5	9.5
67.5°	33.9	30.1	26.6	22.7	18.2	14.8	13.0	11.1	9.1	8.1	8.0
65°	37.6	30.1	24.9	20.7	17.4	14.2	11.8	9.5	7.4	6.4	6.7
62.5°	33.8	24.9	19.4	15.8	13.1	11.1	9.1	7.6	6.3	5.8	5.8
60°	26.8	18.1	13.4	11.2	9.3	7.8	6.8	5.9	5.1	4.5	4.7
57.5°	19.4	13.0	9.5	8.7	7.7	6.3	5.4	5.1	5.0	5.1	5.4
55°	13.1	10.8	9.6	8.6	7.5	6.4	5.7	5.7	5.7	5.7	5.7
52.5°	11.0	10.3	9.8	8.9	7.8	6.7	5.7	5.7	5.7	5.7	5.7
50°	11.0	10.5	10.0	9.3	8.2	7.0	5.9	5.9	6.4	6.8	6.8
47.5°	11.2	10.7	10.4	9.7	8.7	8.3	7.7	7.9	8.5	8.8	8.7
45°	11.7	11.8	11.7	11.6	10.8	10.9	11.0	11.2	13.6	13.5	11.9
42.5°	14.4	15.3	16.1	16.6	14.3	18.6	25.2	28.3	24.8	20.0	16.9
40°	21.7	22.7	27.1	29.4	36.2	42.6	36.7	29.7	26.6	28.9	30.7
37.5°	34.4	40.9	49.8	60.2	56.0	44.6	44.8	44.7	43.6	47.4	47.2
35°	57.7	72.3	81.2	79.3	73.3	70.0	73.1	76.5	69.0	75.6	77.3
32.5°	92.9	110.4	112.7	106.7	107.1	112.9	123.4	121.9	124.2	131.8	140.5
30°	134.1	154.9	162.9	151.9	144.0	157.9	163.9	169.1	186.1	208.3	228.2
27.5°	201.8	217.0	230.8	219.3	196.4	213.6	225.7	222.1	268.9	293.9	349.8
25°	286.8	308.3	316.2	320.4	312.8	309.5	339.8	355.3	419.9	488.4	604.8
22.5°	391.5	450.4	467.1	445.3	469.8	487.0	507.5	576.7	706.0	916.3	1216.5
20°	524.6	644.8	741.5	725.9	668.3	741.9	825.3	1043.4	1421.2	2270.6	2965.6
17.5°	945.7	947.9	1141.1	1218.9	1123.9	1283.7	1693.1	2402.8	3964.1	6829.1	8686.5
15°	1596.5	1639.5	1728.4	1832.5	2003.4	2420.8	3245.6	6219.9	10699.1	16896.5	23255.9
12.5°	2286.3	2383.4	2535.6	2620.7	2969.6	4086.6	7624.1	14137.0	23591.7	35522.4	55313.5
10°	2879.1	3137.6	3333.7	3600.1	4500.0	7123.7	13227.9	24481.6	43540.0	69280.1	99701.8
7.5°	3298.3	3676.6	4008.2	4509.2	6377.9	11666.8	21904.6	40626.4	69413.2	105763.3	147699.5
5°	3719.8	4198.7	4570.4	5230.7	7577.3	15074.5	28698.3	55753.9	97321.4	146805.4	202890.8
2.5°	4148.1	4686.4	5096.0	5913.1	8344.5	16802.3	32145.0	64781.8	115775.6	176028.5	244120.4
0°	4579.4	5089.1	5520.2	6443.7	9536.3	19520.9	35391.7	68227.3	117495.1	178999.0	248115.3
-2.5°	4559.5	4896.1	5290.8	6006.5	8698.7	17969.9	32895.2	64479.5	111228.6	168276.5	230954.7
-5°	4386.1	4622.5	4935.3	5567.9	7782.2	14978.7	28450.2	55117.6	98239.6	150505.5	204530.7
-7.5°	4116.8	4315.1	4548.9	5071.0	6725.6	11921.8	23013.0	44207.1	77931.2	115797.3	157224.6
-10°	3858.4	4011.4	4177.6	4539.4	5602.6	8737.7	16326.1	29954.8	54248.8	82576.6	114103.2
-12.5°	3620.3	3742.3	3830.6	3983.5	4513.2	6328.8	11738.4	21484.5	35441.0	52988.6	76245.8
-15°	3377.6	3481.1	3526.7	3649.4	3995.9	4894.5	7075.1	13205.9	22155.2	33487.2	45279.5
-17.5°	3117.1	3240.0	3308.7	3387.6	3538.5	3910.8	5114.0	7691.7	13102.2	20709.9	28305.2
-20°	2902.9	3047.6	3106.5	3161.3	3300.5	3519.1	3862.6	5021.8	6998.0	11736.1	16459.1



REPORT NUMBER: P1305863 (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°	2695.9	2826.3	2902.9	3020.6	3200.6	3351.9	3464.6	3740.7	4561.5	5854.3	8162.5
-25°	2507.6	2620.5	2771.8	2997.6	3173.8	3282.0	3303.3	3315.0	3549.0	3805.6	4584.9
-27.5°	2318.1	2478.1	2703.3	2958.1	3167.4	3220.2	3223.0	3219.0	3274.8	3313.7	3507.6
-30°	2149.3	2358.8	2571.4	2843.4	3047.1	3132.9	3169.2	3194.3	3223.0	3258.4	3271.3
-32.5°	1805.1	2233.3	2405.4	2623.3	2880.0	3015.7	3083.8	3142.0	3173.8	3204.7	3229.1
-35°	1427.1	1878.9	2289.7	2430.4	2612.7	2842.5	3013.6	3083.2	3141.7	3174.9	3205.8
-37.5°	1073.3	1460.6	1860.1	2234.2	2420.3	2582.7	2801.5	2971.8	3079.4	3121.8	3159.0
-40°	945.8	1046.3	1399.1	1742.5	2070.2	2379.8	2561.6	2767.4	2931.8	3015.1	3079.5
-42.5°	940.9	977.9	1013.8	1254.9	1559.4	1857.9	2140.1	2404.3	2648.1	2813.9	2936.7
-45°	939.9	966.2	996.3	1032.3	1068.6	1301.6	1562.4	1824.6	2092.2	2343.2	2568.2
-47.5°	878.8	944.3	980.3	1009.1	1033.2	1064.0	1099.1	1165.4	1383.2	1602.6	1822.6
-50°	795.0	860.5	920.5	977.8	1006.9	1026.9	1046.1	1067.9	1095.4	1123.0	1151.3
-52.5°	701.1	763.4	824.5	879.3	926.4	971.7	1014.8	1034.5	1049.1	1062.6	1074.1
-55°	613.6	667.0	718.7	767.3	814.3	858.6	898.9	933.4	965.3	994.4	1017.1
-57.5°	520.8	571.5	619.7	660.4	699.5	736.5	772.1	805.3	835.3	861.7	883.9
-60°	427.5	469.3	511.5	550.4	587.5	622.5	652.1	679.3	704.3	727.1	748.0
-62.5°	339.8	372.4	408.0	440.7	470.1	498.7	530.1	557.4	580.5	600.7	619.5
-65°	270.9	294.2	319.8	344.6	368.4	395.5	425.3	451.3	473.7	492.5	508.6
-67.5°	195.8	218.4	243.0	265.3	286.0	308.6	336.0	361.8	385.9	405.5	421.1
-70°	131.8	147.9	166.4	186.4	206.4	227.7	251.6	274.9	297.4	315.3	330.2
-72.5°	80.9	91.5	102.1	115.4	129.3	145.6	163.9	182.5	201.1	216.3	229.2
-75°	43.1	46.7	54.7	62.3	69.5	78.6	88.0	96.8	104.9	112.3	119.1
-77.5°	36.8	38.4	39.7	41.0	42.2	45.9	50.4	55.1	60.0	65.0	70.0
-80°	29.3	30.5	31.6	32.8	33.9	36.7	39.8	42.9	45.8	49.2	52.6
-82.5°	22.6	23.2	23.7	24.2	24.7	26.7	29.0	31.2	33.4	36.1	38.8
-85°	17.1	17.4	17.6	17.9	18.1	19.8	21.4	23.0	24.6	27.5	30.5
-87.5°	13.7	13.7	13.7	13.6	13.6	15.7	17.8	19.7	21.6	24.0	26.3
-90°	3.8	3.8	3.8	3.8	3.8	3.3	2.9	2.4	1.9	1.4	1.0



REPORT NUMBER: P1305863 (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°	63.7	72.8	77.6	82.4	77.6	72.8	63.7	54.6	45.5	36.4	31.1
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	3.7
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.6
80°	3.7	3.8	2.9	1.9	2.9	3.8	3.7	3.7	3.6	3.5	3.5
77.5°	2.5	2.0	2.8	3.8	2.8	2.0	2.5	3.0	3.4	3.8	3.8
75°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	4.0	4.7
72.5°	8.0	7.6	7.7	7.7	7.7	7.6	8.0	8.2	8.3	8.4	8.9
70°	9.5	9.5	9.6	9.6	9.6	9.5	9.5	9.5	9.5	10.1	11.4
67.5°	7.9	7.8	6.8	5.7	6.8	7.8	7.9	8.0	8.1	9.1	11.1
65°	7.1	7.6	6.8	5.7	6.8	7.6	7.1	6.7	6.4	7.4	9.5
62.5°	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.8	5.8	6.3	7.6
60°	5.1	5.6	5.7	5.7	5.7	5.6	5.1	4.7	4.5	5.1	5.9
57.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	5.0	5.1
55°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
52.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
50°	6.5	6.0	5.7	5.7	5.7	6.0	6.5	6.8	6.8	6.4	5.9
47.5°	8.3	7.9	7.7	7.7	7.7	7.9	8.3	8.7	8.8	8.5	7.9
45°	11.8	11.6	11.4	11.5	11.4	11.6	11.8	11.9	13.5	13.6	11.2
42.5°	17.2	17.1	17.1	17.2	17.1	17.1	17.2	16.9	20.0	24.8	28.3
40°	32.2	32.5	31.8	30.7	31.8	32.5	32.2	30.7	28.9	26.6	29.7
37.5°	47.1	47.4	47.5	47.9	47.5	47.4	47.1	47.2	47.4	43.6	44.7
35°	76.3	74.4	70.2	70.9	70.2	74.4	76.3	77.3	75.6	69.0	76.5
32.5°	146.0	144.0	136.0	141.8	136.0	144.0	146.0	140.5	131.8	124.2	121.9
30°	245.7	255.5	259.6	258.7	259.6	255.5	245.7	228.2	208.3	186.1	169.1
27.5°	378.4	400.0	413.5	421.5	413.5	400.0	378.4	349.8	293.9	268.9	222.1
25°	688.5	741.9	772.2	812.4	772.2	741.9	688.5	604.8	488.4	419.9	355.3
22.5°	1539.6	1732.8	1855.6	1942.9	1855.6	1732.8	1539.6	1216.5	916.3	706.0	576.7
20°	3994.4	3978.5	4298.8	4472.1	4298.8	3978.5	3994.4	2965.6	2270.6	1421.2	1043.4
17.5°	12503.7	14490.8	14995.0	14564.0	14995.0	14490.8	12503.7	8686.5	6829.1	3964.1	2402.8
15°	32140.0	38777.5	41853.4	41810.5	41853.4	38777.5	32140.0	23255.9	16896.5	10699.1	6219.9
12.5°	69305.5	82124.4	90494.6	95558.0	90494.6	82124.4	69305.5	55313.5	35522.4	23591.7	14137.0
10°	125773.5	147733.2	165244.6	174042.1	165244.6	147733.2	125773.5	99701.8	69280.1	43540.0	24481.6
7.5°	186393.7	221924.9	251926.9	264380.8	251926.9	221924.9	186393.7	147699.5	105763.3	69413.2	40626.4
5°	256621.2	313157.0	341236.5	353336.1	341236.5	313157.0	256621.2	202890.8	146805.4	97321.4	55753.9
2.5°	315374.3	371748.2	410995.2	425911.0	410995.2	371748.2	315374.3	244120.4	176028.5	115775.6	64781.8
0°	327134.9	386068.3	429263.2	460530.5	429263.2	386068.3	327134.9	248115.3	178999.0	117495.1	68227.3
-2.5°	302156.0	359739.3	391301.2	404524.8	391301.2	359739.3	302156.0	230954.7	168276.5	111228.6	64479.5
-5°	262675.0	313783.1	342963.2	348823.8	342963.2	313783.1	262675.0	204530.7	150505.5	98239.6	55117.6
-7.5°	200731.0	236109.9	259125.6	263771.5	259125.6	236109.9	200731.0	157224.6	115797.3	77931.2	44207.1
-10°	145980.2	171488.5	186269.0	187868.4	186269.0	171488.5	145980.2	114103.2	82576.6	54248.8	29954.8
-12.5°	97537.0	117524.2	127977.8	129488.8	127977.8	117524.2	97537.0	76245.8	52988.6	35441.0	21484.5
-15°	61121.2	74122.0	81799.6	83463.9	81799.6	74122.0	61121.2	45279.5	33487.2	22155.2	13205.9
-17.5°	37659.9	44236.0	48263.1	50925.2	48263.1	44236.0	37659.9	28305.2	20709.9	13102.2	7691.7
-20°	22020.4	26284.7	28677.9	29766.1	28677.9	26284.7	22020.4	16459.1	11736.1	6998.0	5021.8



REPORT NUMBER: P1305863 (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°
-22.5°	11055.2	13159.0	14592.0	14809.3	14592.0	13159.0	11055.2	8162.5	5854.3	4561.5	3740.7
-25°	5361.6	5947.6	6349.7	6372.8	6349.7	5947.6	5361.6	4584.9	3805.6	3549.0	3315.0
-27.5°	3666.1	3788.0	3866.9	3912.6	3866.9	3788.0	3666.1	3507.6	3313.7	3274.8	3219.0
-30°	3284.9	3303.1	3314.2	3299.5	3314.2	3303.1	3284.9	3271.3	3258.4	3223.0	3194.3
-32.5°	3237.3	3245.9	3251.8	3242.0	3251.8	3245.9	3237.3	3229.1	3204.7	3173.8	3142.0
-35°	3233.6	3257.3	3275.7	3270.7	3275.7	3257.3	3233.6	3205.8	3174.9	3141.7	3083.2
-37.5°	3186.1	3206.9	3220.8	3220.9	3220.8	3206.9	3186.1	3159.0	3121.8	3079.4	2971.8
-40°	3115.6	3144.0	3161.7	3161.5	3161.7	3144.0	3115.6	3079.5	3015.1	2931.8	2767.4
-42.5°	2995.4	3035.1	3053.9	3052.3	3053.9	3035.1	2995.4	2936.7	2813.9	2648.1	2404.3
-45°	2737.2	2865.5	2934.2	2941.2	2934.2	2865.5	2737.2	2568.2	2343.2	2092.2	1824.6
-47.5°	2039.5	2237.2	2358.4	2385.5	2358.4	2237.2	2039.5	1822.6	1602.6	1383.2	1165.4
-50°	1179.4	1205.9	1217.1	1212.9	1217.1	1205.9	1179.4	1151.3	1123.0	1095.4	1067.9
-52.5°	1085.1	1095.8	1103.8	1109.4	1103.8	1095.8	1085.1	1074.1	1062.6	1049.1	1034.5
-55°	1035.6	1049.9	1059.0	1063.4	1059.0	1049.9	1035.6	1017.1	994.4	965.3	933.4
-57.5°	902.1	916.4	924.4	927.4	924.4	916.4	902.1	883.9	861.7	835.3	805.3
-60°	765.4	779.4	787.5	791.3	787.5	779.4	765.4	748.0	727.1	704.3	679.3
-62.5°	635.5	648.6	656.5	661.0	656.5	648.6	635.5	619.5	600.7	580.5	557.4
-65°	522.8	535.2	542.0	546.1	542.0	535.2	522.8	508.6	492.5	473.7	451.3
-67.5°	435.2	447.6	455.7	461.8	455.7	447.6	435.2	421.1	405.5	385.9	361.8
-70°	343.7	355.9	360.3	362.1	360.3	355.9	343.7	330.2	315.3	297.4	274.9
-72.5°	240.8	250.9	257.6	262.5	257.6	250.9	240.8	229.2	216.3	201.1	182.5
-75°	125.2	130.7	134.7	138.0	134.7	130.7	125.2	119.1	112.3	104.9	96.8
-77.5°	75.0	79.9	82.2	84.3	82.2	79.9	75.0	70.0	65.0	60.0	55.1
-80°	55.9	59.1	60.3	61.3	60.3	59.1	55.9	52.6	49.2	45.8	42.9
-82.5°	41.4	44.0	45.0	46.0	45.0	44.0	41.4	38.8	36.1	33.4	31.2
-85°	33.4	36.3	37.3	38.3	37.3	36.3	33.4	30.5	27.5	24.6	23.0
-87.5°	28.6	30.9	32.6	34.5	32.6	30.9	28.6	26.3	24.0	21.6	19.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	25.8	20.6	15.3	15.3	15.3	15.3	15.3	14.8	14.3	13.9	13.4
87.5°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.2	5.7
85°	3.7	3.7	3.8	4.2	4.5	4.8	5.0	5.1	5.3	5.5	5.7
82.5°	3.0	3.5	3.8	4.3	4.8	5.3	5.7	5.7	5.7	5.7	5.7
80°	3.6	3.7	3.9	4.3	4.8	5.3	5.7	5.8	5.8	5.7	5.8
77.5°	3.8	3.8	4.0	4.6	5.2	5.7	6.0	6.3	6.6	6.8	6.8
75°	5.2	5.5	5.9	6.7	7.2	7.4	7.5	7.4	7.4	7.5	7.7
72.5°	9.3	9.7	10.6	12.1	12.8	13.5	13.6	12.8	11.4	9.3	7.7
70°	12.5	13.6	16.0	19.7	22.3	23.6	24.1	23.2	20.8	18.6	14.9
67.5°	13.0	14.8	18.2	22.7	26.6	30.1	33.9	37.2	37.3	34.6	25.5
65°	11.8	14.2	17.4	20.7	24.9	30.1	37.6	42.7	46.0	47.3	39.1
62.5°	9.1	11.1	13.1	15.8	19.4	24.9	33.8	41.7	49.0	51.2	43.1
60°	6.8	7.8	9.3	11.2	13.4	18.1	26.8	36.5	47.4	47.2	42.9
57.5°	5.4	6.3	7.7	8.7	9.5	13.0	19.4	28.0	38.4	39.4	38.0
55°	5.7	6.4	7.5	8.6	9.6	10.8	13.1	18.4	26.3	28.9	29.4
52.5°	5.7	6.7	7.8	8.9	9.8	10.3	11.0	13.6	16.0	19.5	21.5
50°	5.9	7.0	8.2	9.3	10.0	10.5	11.0	11.5	12.8	14.4	15.7
47.5°	7.7	8.3	8.7	9.7	10.4	10.7	11.2	11.9	12.5	12.8	13.6
45°	11.0	10.9	10.8	11.6	11.7	11.8	11.7	13.0	13.6	13.7	13.3
42.5°	25.2	18.6	14.3	16.6	16.1	15.3	14.4	15.6	15.7	15.3	16.4
40°	36.7	42.6	36.2	29.4	27.1	22.7	21.7	20.0	19.6	18.2	21.3
37.5°	44.8	44.6	56.0	60.2	49.8	40.9	34.4	29.1	25.3	26.8	29.0
35°	73.1	70.0	73.3	79.3	81.2	72.3	57.7	44.2	37.3	37.9	38.8
32.5°	123.4	112.9	107.1	106.7	112.7	110.4	92.9	70.9	57.7	53.4	50.7
30°	163.9	157.9	144.0	151.9	162.9	154.9	134.1	120.4	97.8	71.8	64.8
27.5°	225.7	213.6	196.4	219.3	230.8	217.0	201.8	185.9	148.9	109.2	86.5
25°	339.8	309.5	312.8	320.4	316.2	308.3	286.8	260.7	219.1	165.6	138.9
22.5°	507.5	487.0	469.8	445.3	467.1	450.4	391.5	340.8	331.9	315.0	239.8
20°	825.3	741.9	668.3	725.9	741.5	644.8	524.6	532.8	594.0	535.1	375.1
17.5°	1693.1	1283.7	1123.9	1218.9	1141.1	947.9	945.7	926.4	907.8	811.7	536.4
15°	3245.6	2420.8	2003.4	1832.5	1728.4	1639.5	1596.5	1380.1	1271.4	1114.5	797.5
12.5°	7624.1	4086.6	2969.6	2620.7	2535.6	2383.4	2286.3	1974.0	1687.1	1503.8	1199.5
10°	13227.9	7123.7	4500.0	3600.1	3333.7	3137.6	2879.1	2498.9	2129.7	1921.3	1614.7
7.5°	21904.6	11666.8	6377.9	4509.2	4008.2	3676.6	3298.3	2926.9	2555.0	2327.9	2033.6
5°	28698.3	15074.5	7577.3	5230.7	4570.4	4198.7	3719.8	3296.7	2963.6	2722.8	2444.6
2.5°	32145.0	16802.3	8344.5	5913.1	5096.0	4686.4	4148.1	3625.9	3261.2	2974.4	2679.5
0°	35391.7	19520.9	9536.3	6443.7	5520.2	5089.1	4579.4	3937.5	3500.7	3188.3	2883.7
-2.5°	32895.2	17969.9	8698.7	6006.5	5290.8	4896.1	4559.5	4043.1	3587.1	3222.6	2852.2
-5°	28450.2	14978.7	7782.2	5567.9	4935.3	4622.5	4386.1	3999.7	3571.5	3210.2	2780.2
-7.5°	23013.0	11921.8	6725.6	5071.0	4548.9	4315.1	4116.8	3783.8	3372.4	3054.0	2603.2
-10°	16326.1	8737.7	5602.6	4539.4	4177.6	4011.4	3858.4	3534.9	3169.0	2889.7	2394.2
-12.5°	11738.4	6328.8	4513.2	3983.5	3830.6	3742.3	3620.3	3266.4	2967.0	2721.6	2157.3
-15°	7075.1	4894.5	3995.9	3649.4	3526.7	3481.1	3377.6	3044.8	2810.4	2555.6	1896.1
-17.5°	5114.0	3910.8	3538.5	3387.6	3308.7	3240.0	3117.1	2877.6	2640.0	2319.3	1611.3
-20°	3862.6	3519.1	3300.5	3161.3	3106.5	3047.6	2902.9	2694.6	2443.2	1975.7	1337.3



REPORT NUMBER: P1305863 (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°	3464.6	3351.9	3200.6	3020.6	2902.9	2826.3	2695.9	2499.2	2223.2	1613.0	1069.5
-25°	3303.3	3282.0	3173.8	2997.6	2771.8	2620.5	2507.6	2301.3	1867.3	1282.4	844.4
-27.5°	3223.0	3220.2	3167.4	2958.1	2703.3	2478.1	2318.1	2072.3	1509.8	1035.7	812.5
-30°	3169.2	3132.9	3047.1	2843.4	2571.4	2358.8	2149.3	1683.7	1215.4	849.1	798.9
-32.5°	3083.8	3015.7	2880.0	2623.3	2405.4	2233.3	1805.1	1326.7	934.3	833.6	792.4
-35°	3013.6	2842.5	2612.7	2430.4	2289.7	1878.9	1427.1	1028.6	865.1	818.2	787.2
-37.5°	2801.5	2582.7	2420.3	2234.2	1860.1	1460.6	1073.3	906.3	847.9	811.6	757.4
-40°	2561.6	2379.8	2070.2	1742.5	1399.1	1046.3	945.8	895.4	850.5	788.1	714.8
-42.5°	2140.1	1857.9	1559.4	1254.9	1013.8	977.9	940.9	897.1	833.5	747.9	664.9
-45°	1562.4	1301.6	1068.6	1032.3	996.3	966.2	939.9	867.9	782.9	695.7	611.5
-47.5°	1099.1	1064.0	1033.2	1009.1	980.3	944.3	878.8	805.4	718.1	635.4	560.9
-50°	1046.1	1026.9	1006.9	977.8	920.5	860.5	795.0	725.7	647.4	575.0	505.7
-52.5°	1014.8	971.7	926.4	879.3	824.5	763.4	701.1	641.9	576.5	509.6	445.7
-55°	898.9	858.6	814.3	767.3	718.7	667.0	613.6	558.1	500.1	439.4	384.7
-57.5°	772.1	736.5	699.5	660.4	619.7	571.5	520.8	469.9	422.1	371.7	323.5
-60°	652.1	622.5	587.5	550.4	511.5	469.3	427.5	386.0	344.8	309.9	273.2
-62.5°	530.1	498.7	470.1	440.7	408.0	372.4	339.8	312.4	284.8	254.6	217.4
-65°	425.3	395.5	368.4	344.6	319.8	294.2	270.9	245.8	218.5	189.4	157.6
-67.5°	336.0	308.6	286.0	265.3	243.0	218.4	195.8	172.5	151.8	130.8	107.2
-70°	251.6	227.7	206.4	186.4	166.4	147.9	131.8	115.1	96.8	81.5	68.2
-72.5°	163.9	145.6	129.3	115.4	102.1	91.5	80.9	69.8	58.8	48.2	40.6
-75°	88.0	78.6	69.5	62.3	54.7	46.7	43.1	41.3	39.2	36.9	34.3
-77.5°	50.4	45.9	42.2	41.0	39.7	38.4	36.8	34.8	32.7	30.7	28.8
-80°	39.8	36.7	33.9	32.8	31.6	30.5	29.3	27.8	26.3	24.9	23.9
-82.5°	29.0	26.7	24.7	24.2	23.7	23.2	22.6	21.9	21.2	20.5	19.9
-85°	21.4	19.8	18.1	17.9	17.6	17.4	17.1	16.8	16.5	16.1	15.8
-87.5°	17.8	15.7	13.6	13.6	13.7	13.7	13.7	13.7	13.6	13.5	13.4
-90°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.8	5.2	5.7



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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°	12.9	12.5	12.0	11.5	11.5	11.5	11.5	11.5	11.0	10.6	10.1
87.5°	5.7	5.7	5.7	5.7	6.0	6.2	6.4	6.5	6.8	7.0	7.4
85°	5.9	6.0	6.0	6.0	6.3	6.7	7.1	7.4	7.4	7.4	7.5
82.5°	6.2	6.7	7.0	7.1	7.1	7.2	7.4	7.7	7.7	7.7	7.7
80°	6.3	6.8	7.3	7.7	7.7	7.7	7.6	7.7	7.7	7.7	7.7
77.5°	6.8	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	11.2	8.4	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.7
67.5°	17.4	13.2	10.0	8.1	7.7	7.7	7.7	7.9	8.0	7.7	7.7
65°	28.4	19.6	13.1	10.6	8.6	7.7	7.7	8.1	8.3	8.1	7.7
62.5°	35.3	27.1	19.1	13.7	10.4	8.6	7.7	8.2	8.6	8.6	8.0
60°	37.9	30.0	24.4	18.7	13.2	9.7	8.5	8.3	8.7	9.0	8.5
57.5°	34.2	30.9	27.2	22.7	17.1	11.8	9.4	8.8	8.8	9.2	9.1
55°	28.5	27.0	28.6	25.6	20.5	14.9	10.9	9.6	9.0	9.3	9.6
52.5°	21.4	24.1	27.5	27.4	23.3	17.7	13.3	10.4	9.7	9.4	9.8
50°	16.2	20.7	26.1	28.1	25.9	20.5	15.4	12.0	10.4	9.6	10.0
47.5°	15.0	19.0	23.3	28.6	27.9	23.0	17.6	13.4	11.1	10.2	10.2
45°	16.1	18.8	22.0	26.5	29.6	24.6	19.6	14.5	12.0	11.0	10.5
42.5°	18.3	20.3	22.4	24.7	27.9	25.6	21.4	16.0	12.6	11.7	11.0
40°	22.8	23.1	23.9	25.9	26.5	26.2	22.1	17.4	13.1	12.4	11.6
37.5°	28.5	27.7	26.9	29.3	27.2	25.9	22.4	18.7	14.5	13.3	12.2
35°	37.4	34.0	33.3	34.8	31.8	26.4	22.4	19.4	16.5	14.3	12.7
32.5°	48.0	45.1	44.0	41.7	38.1	27.7	22.8	21.0	18.6	15.4	13.3
30°	63.3	65.4	57.2	49.7	45.7	33.7	25.5	22.9	20.7	16.6	14.0
27.5°	94.2	91.4	73.9	61.6	53.3	41.8	31.1	25.2	22.8	18.0	14.9
25°	133.8	122.8	99.4	75.9	61.6	67.4	37.7	27.9	24.7	19.8	15.9
22.5°	186.3	159.4	128.7	91.6	99.1	101.5	51.9	33.1	26.7	21.4	16.9
20°	247.1	200.5	172.7	152.6	145.0	135.3	76.8	39.0	28.9	23.1	17.9
17.5°	324.4	286.0	277.1	231.3	196.3	172.4	106.4	45.3	31.2	24.7	18.9
15°	534.0	422.2	389.0	319.4	250.8	212.0	139.6	51.9	33.6	26.2	19.8
12.5°	797.9	559.2	506.8	414.7	307.6	253.6	175.3	58.6	36.0	27.7	20.5
10°	1089.2	696.2	628.7	514.8	366.0	296.4	212.2	66.6	40.0	29.2	21.2
7.5°	1396.0	832.4	752.6	617.0	423.9	337.7	250.6	77.3	44.4	30.7	21.7
5°	1680.3	950.3	855.5	703.1	475.6	375.7	287.4	87.8	48.9	32.1	22.2
2.5°	1842.1	1039.3	941.8	782.2	525.5	412.1	321.1	97.9	53.3	33.4	22.7
0°	1973.5	1124.7	1023.2	854.6	572.9	446.4	350.6	107.3	57.5	34.5	23.0
-2.5°	1939.1	1111.6	1008.0	847.9	587.6	456.8	355.0	124.6	71.1	43.4	27.5
-5°	1871.6	1094.5	988.3	834.6	598.3	464.4	354.7	140.7	84.1	52.0	31.7
-7.5°	1741.9	1056.2	957.7	814.9	604.9	469.0	350.6	155.5	96.2	60.0	35.7
-10°	1576.3	1004.4	914.4	781.5	595.8	467.4	343.7	168.7	107.3	67.1	39.2
-12.5°	1384.0	951.4	872.1	745.8	581.5	460.7	334.7	180.0	117.0	73.3	42.1
-15°	1167.5	897.9	832.3	709.1	564.8	452.4	324.4	189.4	125.4	78.9	44.4
-17.5°	933.7	844.6	796.7	672.8	545.7	442.5	313.4	196.7	132.3	83.9	46.8
-20°	867.3	809.6	762.9	637.9	524.7	431.4	302.5	201.9	137.8	87.6	48.9



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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°	835.0	790.5	725.0	609.3	505.0	419.3	292.2	204.7	141.8	90.0	49.9
-25°	805.0	772.8	688.9	582.7	488.6	401.5	288.2	205.2	144.1	91.0	49.9
-27.5°	783.4	749.8	653.0	554.0	470.4	386.5	287.4	207.0	144.8	90.4	48.6
-30°	766.8	709.2	618.5	525.6	450.0	366.1	283.6	206.7	143.8	88.8	46.1
-32.5°	753.0	670.3	582.8	501.2	426.1	344.5	271.1	204.2	140.6	85.8	44.5
-35°	717.4	632.4	546.1	474.7	400.6	324.8	254.9	199.4	135.3	81.0	42.6
-37.5°	679.2	593.1	515.2	446.2	374.3	302.9	239.8	185.4	127.9	74.3	39.8
-40°	634.0	554.1	483.2	416.9	348.0	279.1	222.6	169.1	118.5	65.7	36.2
-42.5°	586.5	515.8	448.8	386.4	319.9	258.0	203.4	151.2	103.7	58.9	31.6
-45°	541.2	474.3	411.3	350.9	290.4	234.6	181.6	131.8	87.2	52.7	28.2
-47.5°	492.2	429.7	370.4	313.0	261.9	208.9	158.0	112.2	69.9	45.1	27.1
-50°	439.8	382.1	326.8	277.1	229.9	180.5	133.1	91.5	59.1	35.6	25.8
-52.5°	386.5	332.4	285.3	241.2	195.8	150.1	108.8	70.6	47.8	31.0	24.2
-55°	331.4	286.3	245.5	203.0	160.1	120.9	83.3	57.3	36.0	28.5	22.5
-57.5°	283.3	242.8	202.7	162.7	126.0	91.3	63.9	43.5	31.2	26.0	21.9
-60°	235.2	195.4	157.7	124.7	92.7	66.8	47.9	32.9	28.4	23.7	21.0
-62.5°	181.0	146.7	116.8	87.6	66.0	48.7	33.9	29.9	25.6	22.5	20.1
-65°	130.5	103.2	77.0	61.4	45.7	34.1	30.7	26.9	23.8	21.3	19.1
-67.5°	83.3	68.1	53.0	39.0	33.6	30.6	27.5	24.7	22.1	19.9	18.1
-70°	55.0	41.8	35.3	32.4	29.7	27.2	25.0	22.6	20.4	19.0	17.2
-72.5°	37.2	34.0	30.9	28.3	26.7	24.8	22.7	20.7	19.5	18.0	16.2
-75°	31.5	29.4	27.7	26.2	24.5	22.6	21.1	20.0	18.6	17.1	15.2
-77.5°	27.2	26.0	25.0	23.9	22.2	20.9	20.0	19.2	17.7	15.9	14.2
-80°	23.2	22.4	21.6	20.8	19.9	19.2	18.6	17.8	16.3	14.7	13.1
-82.5°	19.3	18.8	18.4	18.1	17.7	17.2	16.8	16.3	14.8	13.4	12.2
-85°	15.8	15.7	15.8	15.9	15.6	15.3	15.0	14.7	13.5	12.5	11.5
-87.5°	13.6	13.7	13.7	13.7	13.5	13.4	13.3	13.1	12.3	11.5	10.8
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.2	6.7	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.6	9.1	8.7	8.2	7.7	7.7	7.7
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
82.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
80°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
77.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7
75°	7.7	7.9	7.7	7.7	7.7	7.7	7.7
72.5°	7.8	8.0	7.9	7.7	7.7	7.7	7.7
70°	7.9	8.1	8.1	7.7	7.7	7.7	7.7
67.5°	7.9	8.3	8.3	7.9	7.7	7.7	7.7
65°	8.0	8.4	8.5	8.1	7.7	7.7	7.7
62.5°	8.0	8.4	8.7	8.3	7.7	7.7	7.7
60°	8.1	8.5	8.9	8.5	7.7	7.7	7.7
57.5°	8.5	8.5	8.9	8.7	7.8	7.7	7.7
55°	9.0	8.6	9.0	8.9	8.0	7.7	7.7
52.5°	9.5	8.7	9.0	9.1	8.1	7.7	7.7
50°	9.9	9.1	9.1	9.3	8.2	7.7	7.7
47.5°	10.3	9.5	9.1	9.5	8.4	7.7	7.7
45°	10.6	9.8	9.2	9.5	8.5	7.7	7.7
42.5°	10.9	10.2	9.3	9.6	8.6	7.7	7.7
40°	11.2	10.6	9.4	9.6	8.7	7.7	7.7
37.5°	11.5	10.9	9.7	9.7	8.8	7.7	7.7
35°	11.9	11.2	10.0	9.7	8.9	7.7	7.7
32.5°	12.3	11.5	10.2	9.8	9.0	7.7	7.7
30°	12.7	11.8	10.5	9.9	9.1	7.7	7.7
27.5°	13.2	12.1	10.7	10.0	9.2	7.7	7.7
25°	13.7	12.4	10.9	10.1	9.2	7.7	7.7
22.5°	14.1	12.7	11.0	10.2	9.3	7.7	7.7
20°	14.5	12.8	11.2	10.4	9.4	7.7	7.7
17.5°	14.9	13.0	11.3	10.5	9.4	7.7	7.7
15°	15.2	13.1	11.4	10.6	9.5	7.7	7.7
12.5°	15.6	13.2	11.4	10.8	9.5	7.7	7.7
10°	15.9	13.3	11.5	10.9	9.5	7.7	7.7
7.5°	16.3	13.3	11.5	11.1	9.6	7.7	7.7
5°	16.6	13.4	11.5	11.2	9.6	7.7	7.7
2.5°	16.9	13.4	11.5	11.4	9.6	7.7	7.7
0°	17.2	13.4	11.5	11.5	9.6	7.7	7.7
-2.5°	18.7	13.8	11.8	11.6	9.7	7.7	7.7
-5°	20.1	14.2	12.2	11.7	9.8	7.8	7.7
-7.5°	21.4	14.6	12.5	11.8	9.8	7.8	7.7
-10°	22.6	14.9	12.8	11.9	9.9	7.9	7.7
-12.5°	23.5	15.3	13.1	12.0	9.9	7.9	7.7
-15°	24.3	15.6	13.3	12.0	10.0	7.9	7.7
-17.5°	24.7	15.9	13.6	12.1	10.0	8.0	7.7
-20°	25.2	16.1	13.8	12.1	10.0	8.0	7.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.8	16.4	14.0	12.2	10.0	8.0	7.7
-25°	25.9	16.7	14.1	12.2	10.0	8.1	7.7
-27.5°	25.5	17.0	14.2	12.2	10.0	8.1	7.7
-30°	24.5	17.3	14.3	12.2	10.0	8.1	7.7
-32.5°	23.0	17.4	14.4	12.1	10.0	8.1	7.7
-35°	22.5	17.3	14.4	12.1	10.0	8.1	7.7
-37.5°	22.4	17.3	14.4	12.1	10.0	8.2	7.7
-40°	22.2	17.2	14.4	12.0	9.9	8.2	7.7
-42.5°	21.7	17.2	14.3	11.9	9.9	8.2	7.7
-45°	21.1	17.0	14.2	11.9	9.8	8.2	7.7
-47.5°	20.2	16.9	14.1	11.8	9.8	8.2	7.7
-50°	19.8	16.6	13.9	11.6	9.7	8.2	7.7
-52.5°	19.5	16.4	13.7	11.5	9.6	8.2	7.7
-55°	19.1	16.0	13.5	11.3	9.5	8.1	7.7
-57.5°	18.6	15.7	13.2	11.2	9.4	8.1	7.7
-60°	18.0	15.2	12.9	11.0	9.3	8.1	7.7
-62.5°	17.3	14.7	12.6	10.8	9.3	8.1	7.7
-65°	16.6	14.2	12.2	10.5	9.2	8.1	7.7
-67.5°	15.9	13.7	11.8	10.3	9.0	8.0	7.7
-70°	15.1	13.1	11.4	10.0	8.9	8.0	7.7
-72.5°	14.3	12.5	11.0	9.8	8.8	8.0	7.7
-75°	13.4	11.9	10.6	9.6	8.6	7.9	7.7
-77.5°	12.5	11.2	10.2	9.4	8.5	7.9	7.7
-80°	11.6	10.7	9.9	9.1	8.3	7.9	7.7
-82.5°	11.0	10.3	9.6	8.9	8.2	7.8	7.7
-85°	10.6	9.9	9.3	8.7	8.0	7.8	7.7
-87.5°	10.1	9.5	9.0	8.4	7.9	7.7	7.7
-90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7

(END OF REPORT)