

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: P1306307 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

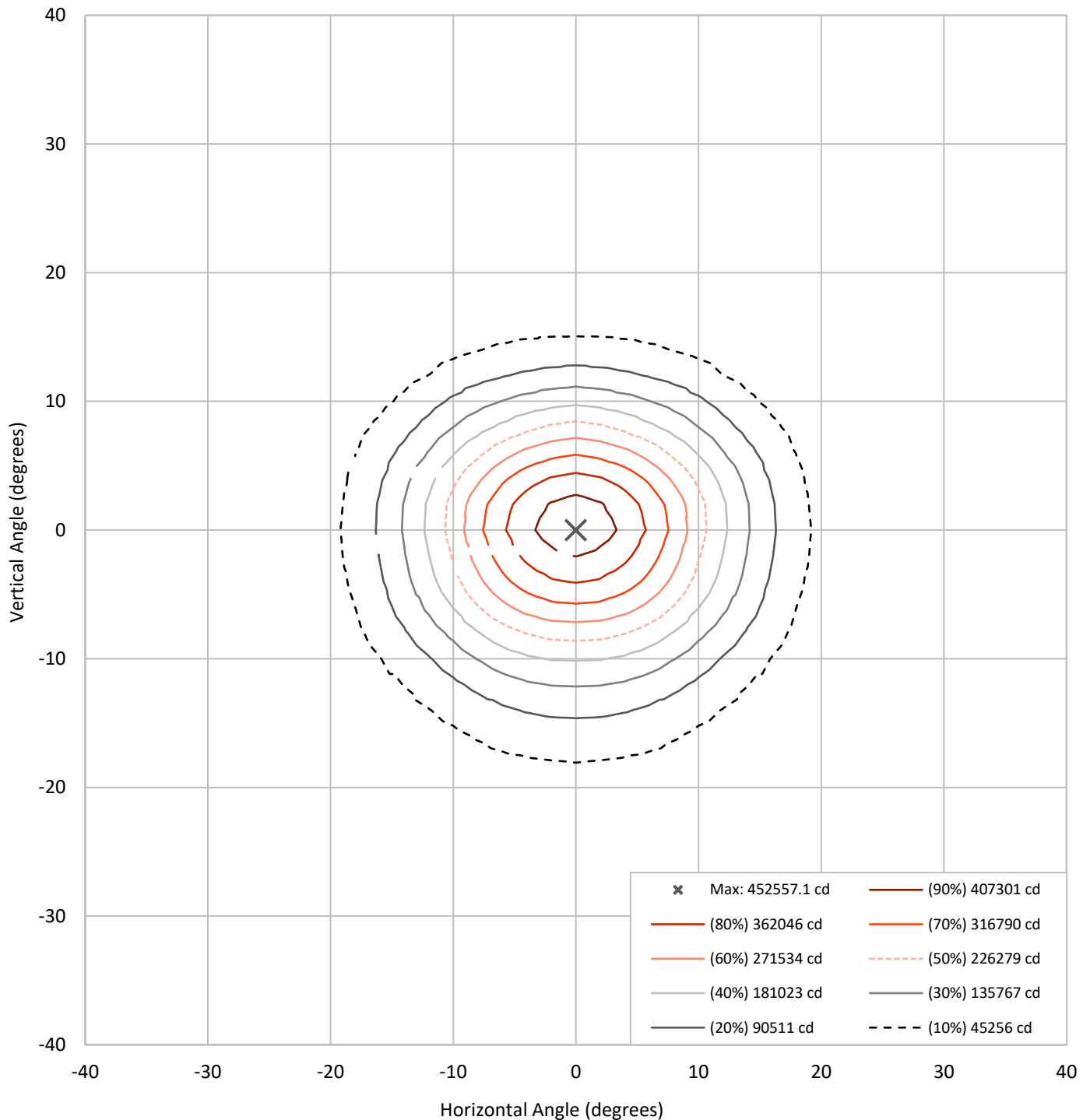
Test Method: LM-79-08
Report Number: P1306307 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-40-80-2S-CV5-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	61040.6 lumens	Max Intensity:	452557.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.9 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:	26712.8 lumens	Field Lumens:	51704.7 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





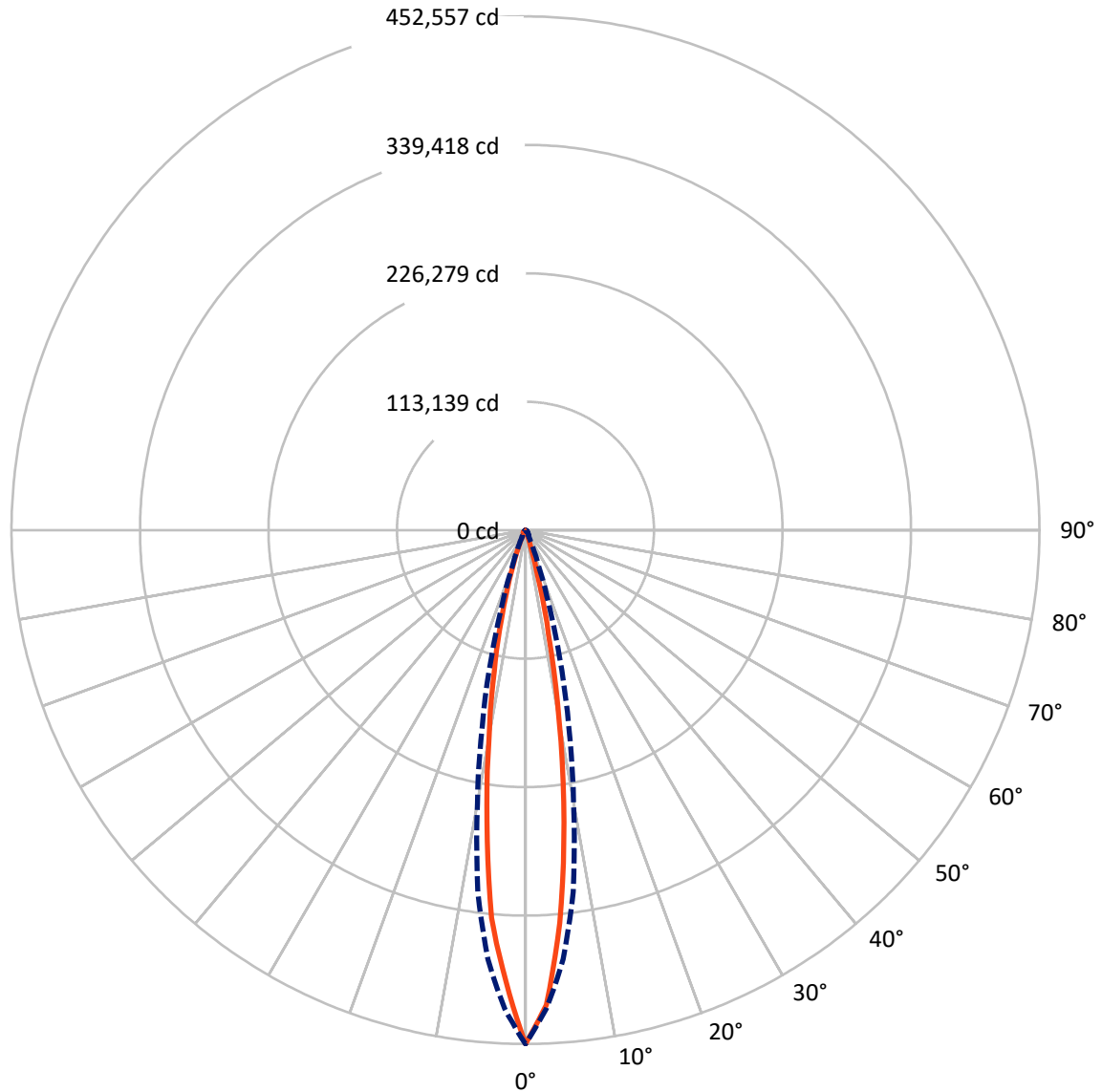
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Lumen Table

90																			
80	0.2	0.4		0.7		0.7		0.9		0.7		0.7		0.4		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	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	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	3.0	3.0	2.6	2.3	1.6	0.9	0.6	0.3				
30	0.3	0.5	1.6	3.9	7.6	9.8	17.3	36.7	36.7	17.3	9.8	7.6	3.9	1.6	0.5	0.3			
20		1.2	5.6	18.8	39.2	71.2	491.1	1512.6	1512.6	491.1	71.2	39.2	18.8	5.6	1.2				
10	0.4	2.1	11.6	45.6	91.4	290.4	2835.2	8428.0	8428.0	2835.2	290.4	91.4	45.6	11.6	2.1	0.4			
0		2.8	13.8	53.3	104.4	303.0	2894.0	8473.4	8473.4	2894.0	303.0	104.4	53.3	13.8	2.8				
-10	0.6	3.0	12.1	39.8	80.6	130.8	799.1	2373.9	2373.9	799.1	130.8	80.6	39.8	12.1	3.0	0.6			
-20		2.9	10.2	23.6	60.0	85.2	128.8	270.2	270.2	128.8	85.2	60.0	23.6	10.2	2.9				
-30	0.5	2.6	8.2	16.4	36.7	70.3	89.5	96.1	96.1	89.5	70.3	36.7	16.4	8.2	2.6	0.5			
-40		1.8	6.1	13.1	22.2	35.9	58.4	75.9	75.9	58.4	35.9	22.2	13.1	6.1	1.8				
-50	0.3	0.9	3.5	8.3	15.0	21.9	27.0	30.1	30.1	27.0	21.9	15.0	8.3	3.5	0.9	0.3			
-60		0.4	1.2	3.5	6.7	10.3	14.0	16.3	16.3	14.0	10.3	6.7	3.5	1.2	0.4				
-70	0.2	1.1		3.1		7.6		11.9		7.6		3.1		1.1		0.2			
-80		1.1		3.1		7.6		11.9		7.6		3.1		1.1					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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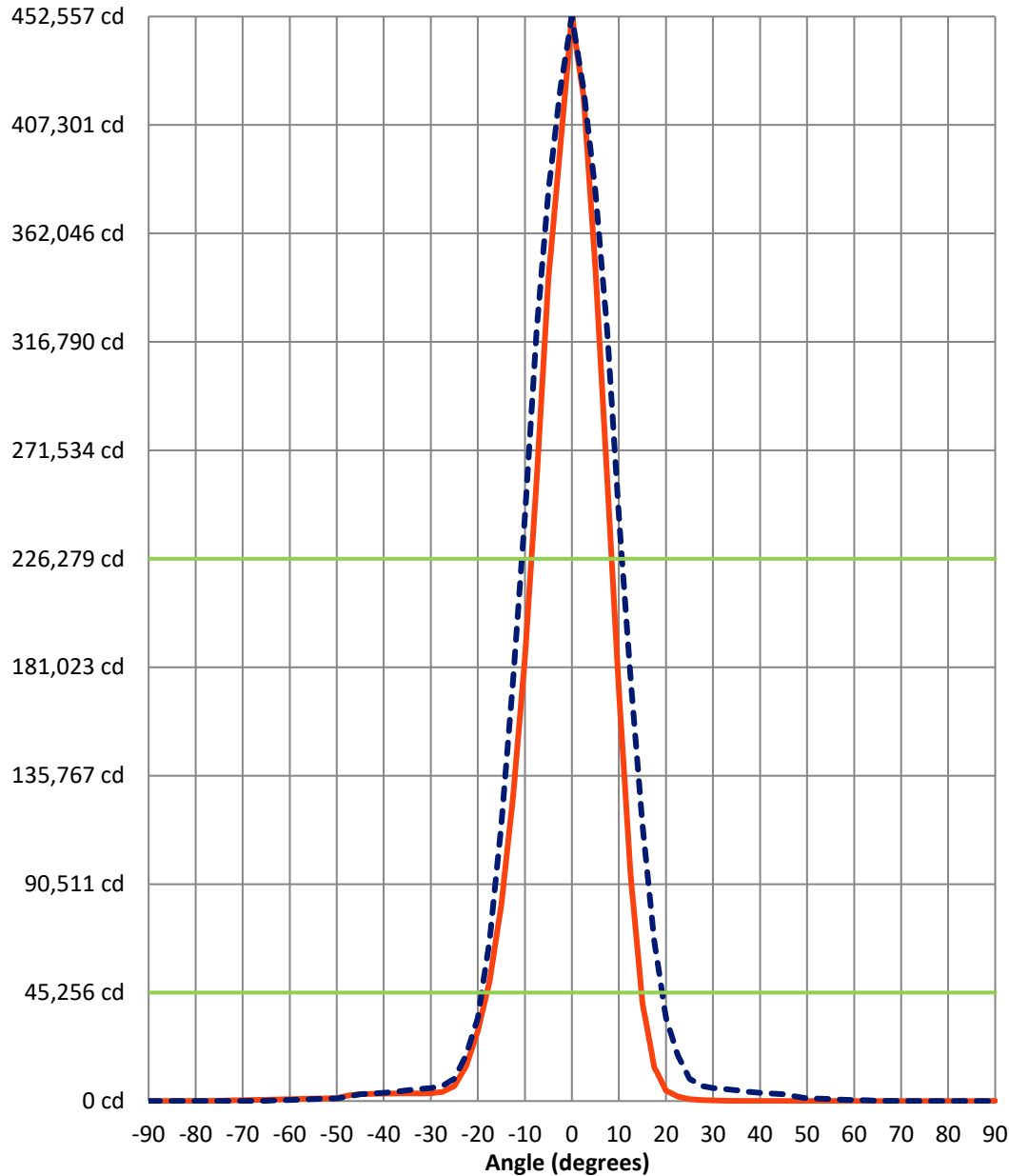
Luminous Intensity Polar Plot



— 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: 26712.8
 Efficiency: 43.8%

Field:
 H Angle: 38.4°
 V Angle: 32.9°
 Lumens: 51704.7
 Efficiency: 84.7%

Spill:
 Lumens: 9336
 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	8.0	8.5	8.9	9.4	9.9	10.4	10.8	11.3
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.9	6.6	6.4
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.2	7.2	7.2
82.5°	7.5	7.5	7.5	7.5	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	7.5	7.5	7.5	7.5
77.5°	7.5	7.5	7.5	7.5	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	7.7	7.5	7.5	7.5	7.5	7.5
72.5°	7.5	7.5	7.5	7.5	7.7	7.8	7.6	7.5	7.5	7.5	7.5
70°	7.5	7.5	7.5	7.5	7.9	7.9	7.7	7.5	7.5	7.5	7.6
67.5°	7.5	7.5	7.5	7.7	8.1	8.1	7.7	7.5	7.5	7.8	7.7
65°	7.5	7.5	7.5	7.9	8.3	8.2	7.8	7.5	7.9	8.1	7.9
62.5°	7.5	7.5	7.5	8.1	8.5	8.2	7.8	7.8	8.4	8.4	8.0
60°	7.5	7.5	7.5	8.3	8.7	8.3	7.9	8.3	8.8	8.5	8.1
57.5°	7.5	7.5	7.6	8.5	8.7	8.3	8.3	8.9	9.0	8.6	8.6
55°	7.5	7.5	7.8	8.7	8.8	8.4	8.8	9.4	9.1	8.8	9.4
52.5°	7.5	7.5	7.9	8.9	8.8	8.5	9.3	9.6	9.2	9.5	10.2
50°	7.5	7.5	8.0	9.1	8.9	8.9	9.7	9.8	9.4	10.2	11.8
47.5°	7.5	7.5	8.2	9.3	8.9	9.3	10.1	10.0	10.0	10.9	13.2
45°	7.5	7.5	8.3	9.3	9.0	9.6	10.4	10.3	10.8	11.8	14.2
42.5°	7.5	7.5	8.4	9.4	9.1	10.0	10.7	10.8	11.5	12.4	15.7
40°	7.5	7.5	8.5	9.4	9.2	10.4	11.0	11.4	12.2	12.9	17.1
37.5°	7.5	7.5	8.6	9.5	9.5	10.7	11.3	12.0	13.1	14.2	18.3
35°	7.5	7.5	8.7	9.5	9.8	11.0	11.7	12.5	14.1	16.2	19.0
32.5°	7.5	7.5	8.8	9.6	10.0	11.3	12.1	13.1	15.2	18.3	20.6
30°	7.5	7.5	8.9	9.7	10.3	11.6	12.5	13.8	16.3	20.3	22.5
27.5°	7.5	7.5	9.0	9.8	10.5	11.9	13.0	14.7	17.7	22.3	24.8
25°	7.5	7.5	9.0	9.9	10.7	12.2	13.5	15.6	19.4	24.2	27.4
22.5°	7.5	7.5	9.1	10.0	10.8	12.5	13.9	16.6	21.1	26.3	32.6
20°	7.5	7.5	9.2	10.2	11.0	12.6	14.3	17.6	22.7	28.4	38.3
17.5°	7.5	7.5	9.2	10.3	11.1	12.8	14.7	18.6	24.2	30.7	44.5
15°	7.5	7.5	9.3	10.4	11.2	12.9	15.0	19.4	25.7	33.0	51.0
12.5°	7.5	7.5	9.3	10.6	11.2	13.0	15.3	20.2	27.2	35.4	57.6
10°	7.5	7.5	9.3	10.7	11.3	13.1	15.7	20.8	28.7	39.3	65.5
7.5°	7.5	7.5	9.4	10.9	11.3	13.1	16.0	21.4	30.1	43.7	75.9
5°	7.5	7.5	9.4	11.0	11.3	13.2	16.3	21.8	31.5	48.1	86.3
2.5°	7.5	7.5	9.4	11.2	11.3	13.2	16.6	22.3	32.8	52.4	96.2
0°	7.5	7.5	9.4	11.3	11.3	13.2	16.9	22.6	33.9	56.5	105.4
-2.5°	7.5	7.5	9.5	11.4	11.6	13.6	18.4	27.0	42.7	69.9	122.5
-5°	7.5	7.6	9.6	11.5	12.0	14.0	19.8	31.2	51.1	82.7	138.3
-7.5°	7.5	7.6	9.6	11.6	12.3	14.3	21.1	35.0	58.9	94.6	152.9
-10°	7.5	7.7	9.7	11.7	12.6	14.7	22.2	38.5	65.9	105.5	165.9
-12.5°	7.5	7.7	9.7	11.8	12.9	15.0	23.1	41.4	72.0	115.0	177.0
-15°	7.5	7.7	9.8	11.8	13.1	15.3	23.8	43.6	77.5	123.2	186.2
-17.5°	7.5	7.8	9.8	11.9	13.4	15.6	24.3	45.9	82.4	130.1	193.4
-20°	7.5	7.8	9.8	11.9	13.6	15.9	24.7	48.0	86.1	135.5	198.4



REPORT NUMBER: P1306307 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	7.8	9.8	12.0	13.8	16.1	25.3	49.1	88.5	139.3	201.2
-25°	7.5	7.9	9.8	12.0	13.9	16.5	25.5	49.0	89.4	141.6	201.7
-27.5°	7.5	7.9	9.8	12.0	14.0	16.8	25.0	47.8	88.8	142.3	203.4
-30°	7.5	7.9	9.8	12.0	14.1	17.0	24.1	45.3	87.2	141.3	203.2
-32.5°	7.5	7.9	9.8	11.9	14.2	17.1	22.5	43.7	84.3	138.2	200.7
-35°	7.5	7.9	9.8	11.9	14.2	17.1	22.1	41.8	79.6	133.0	196.0
-37.5°	7.5	8.0	9.8	11.9	14.2	17.0	22.0	39.1	73.0	125.6	182.2
-40°	7.5	8.0	9.7	11.8	14.1	17.0	21.8	35.5	64.6	116.4	166.2
-42.5°	7.5	8.0	9.7	11.7	14.1	16.9	21.4	31.0	57.9	101.9	148.6
-45°	7.5	8.0	9.6	11.7	14.0	16.8	20.7	27.7	51.7	85.7	129.5
-47.5°	7.5	8.0	9.6	11.6	13.8	16.6	19.9	26.6	44.3	68.7	110.2
-50°	7.5	8.0	9.5	11.4	13.7	16.4	19.5	25.3	35.0	58.1	89.9
-52.5°	7.5	8.0	9.4	11.3	13.5	16.1	19.1	23.8	30.4	47.0	69.4
-55°	7.5	7.9	9.3	11.1	13.2	15.7	18.7	22.1	28.0	35.4	56.3
-57.5°	7.5	7.9	9.2	11.0	13.0	15.4	18.2	21.5	25.5	30.6	42.8
-60°	7.5	7.9	9.1	10.8	12.7	15.0	17.6	20.6	23.3	27.9	32.4
-62.5°	7.5	7.9	9.1	10.6	12.4	14.5	17.0	19.7	22.1	25.2	29.4
-65°	7.5	7.9	9.0	10.3	12.0	14.0	16.4	18.7	20.9	23.4	26.5
-67.5°	7.5	7.8	8.8	10.1	11.6	13.5	15.6	17.8	19.5	21.7	24.3
-70°	7.5	7.8	8.7	9.8	11.2	12.9	14.9	16.9	18.6	20.0	22.2
-72.5°	7.5	7.8	8.6	9.6	10.8	12.3	14.1	16.0	17.7	19.1	20.3
-75°	7.5	7.7	8.4	9.4	10.4	11.7	13.2	15.0	16.8	18.3	19.6
-77.5°	7.5	7.7	8.3	9.2	10.0	11.0	12.3	14.0	15.7	17.3	18.8
-80°	7.5	7.7	8.1	8.9	9.7	10.5	11.4	12.9	14.5	16.0	17.5
-82.5°	7.5	7.6	8.0	8.7	9.4	10.1	10.8	12.0	13.2	14.6	16.0
-85°	7.5	7.6	7.8	8.5	9.1	9.7	10.4	11.3	12.3	13.3	14.5
-87.5°	7.5	7.5	7.7	8.2	8.8	9.3	9.9	10.6	11.3	12.1	12.9
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	6.6	6.1	5.6



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 CATALOG NUMBER: EPH-08-680N-40-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.3	11.3	11.3	11.3	11.8	12.3	12.7	13.2	13.7	14.1	14.6
87.5°	6.3	6.1	5.9	5.6	5.6	5.6	5.6	5.6	5.2	4.7	4.3
85°	6.9	6.6	6.2	5.9	5.9	5.9	5.8	5.6	5.4	5.2	5.0
82.5°	7.2	7.0	7.0	7.0	6.8	6.5	6.1	5.6	5.6	5.6	5.6
80°	7.4	7.5	7.5	7.5	7.1	6.6	6.2	5.7	5.6	5.7	5.7
77.5°	7.5	7.5	7.5	7.5	7.2	6.8	6.7	6.7	6.6	6.5	6.2
75°	7.5	7.5	7.5	7.5	7.4	7.4	7.5	7.5	7.3	7.2	7.2
72.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	9.1	11.1	12.6
70°	7.5	7.5	7.5	7.5	7.5	8.2	10.9	14.6	18.3	20.5	22.8
67.5°	7.5	7.5	7.5	7.9	9.8	12.9	17.1	25.0	34.0	36.6	36.6
65°	7.5	7.5	8.4	10.4	12.9	19.2	27.9	38.4	46.5	45.2	41.9
62.5°	7.5	8.4	10.2	13.4	18.7	26.7	34.7	42.4	50.3	48.2	41.0
60°	8.3	9.5	13.0	18.3	24.0	29.5	37.2	42.2	46.4	46.7	36.0
57.5°	9.2	11.6	16.9	22.3	26.7	30.3	33.6	37.4	38.7	37.8	27.5
55°	10.7	14.6	20.1	25.1	28.1	26.5	28.1	28.9	28.4	25.9	18.1
52.5°	13.1	17.4	22.9	27.0	27.0	23.7	21.0	21.1	19.2	15.7	13.4
50°	15.2	20.2	25.4	27.6	25.6	20.3	15.9	15.4	14.1	12.6	11.3
47.5°	17.3	22.7	27.4	28.1	22.9	18.6	14.7	13.4	12.6	12.3	11.7
45°	19.3	24.2	29.0	26.0	21.6	18.5	15.8	13.1	13.5	13.4	12.8
42.5°	21.0	25.2	27.4	24.3	22.1	20.0	18.0	16.1	15.1	15.4	15.3
40°	21.7	25.7	26.1	25.5	23.5	22.7	22.4	21.0	17.9	19.3	19.7
37.5°	22.0	25.4	26.7	28.8	26.5	27.2	28.1	28.5	26.3	24.9	28.6
35°	22.0	25.9	31.3	34.2	32.7	33.5	36.8	38.1	37.3	36.6	43.5
32.5°	22.4	27.3	37.5	41.0	43.3	44.4	47.1	49.8	52.5	56.7	69.6
30°	25.0	33.1	44.9	48.8	56.2	64.3	62.2	63.7	70.6	96.1	118.3
27.5°	30.5	41.1	52.3	60.5	72.7	89.9	92.5	85.1	107.3	146.2	182.7
25°	37.1	66.2	60.5	74.6	97.7	120.8	131.4	136.5	162.7	215.3	256.2
22.5°	51.0	99.8	97.4	90.0	126.5	156.6	183.1	235.6	309.5	326.1	334.9
20°	75.5	133.0	142.5	149.9	169.8	197.0	242.8	368.6	525.9	583.7	523.6
17.5°	104.6	169.3	192.9	227.3	272.4	281.0	318.7	527.1	797.7	892.1	910.4
15°	137.2	208.3	246.4	313.9	382.3	414.9	524.8	783.7	1095.2	1249.4	1356.2
12.5°	172.2	249.2	302.3	407.6	498.0	549.5	784.0	1178.8	1477.7	1657.8	1939.8
10°	208.5	291.2	359.7	505.9	617.8	684.1	1070.4	1586.8	1888.0	2092.8	2455.6
7.5°	246.2	331.8	416.6	606.4	739.6	817.9	1371.8	1998.4	2287.5	2510.8	2876.2
5°	282.4	369.2	467.3	690.9	840.7	933.8	1651.3	2402.3	2675.6	2912.3	3239.6
2.5°	315.6	405.0	516.4	768.6	925.5	1021.3	1810.3	2633.1	2922.9	3204.7	3563.2
0°	344.6	438.7	563.0	839.8	1005.5	1105.3	1939.4	2833.8	3133.1	3440.0	3869.3
-2.5°	348.9	448.9	577.4	833.2	990.6	1092.4	1905.6	2802.8	3166.8	3524.9	3973.1
-5°	348.6	456.4	588.0	820.1	971.2	1075.6	1839.2	2732.1	3154.6	3509.7	3930.5
-7.5°	344.6	460.9	594.5	800.8	941.2	1037.9	1711.8	2558.2	3001.1	3314.0	3718.3
-10°	337.7	459.3	585.5	767.9	898.6	987.0	1549.0	2352.7	2839.7	3114.1	3473.6
-12.5°	328.9	452.8	571.5	732.9	857.0	934.9	1360.1	2119.9	2674.4	2915.6	3209.8
-15°	318.7	444.5	555.0	696.9	818.0	882.4	1147.2	1863.2	2511.4	2761.7	2992.1
-17.5°	308.0	434.8	536.3	661.2	782.9	830.0	917.5	1583.3	2279.2	2594.3	2827.8
-20°	297.2	423.9	515.7	626.9	749.8	795.6	852.3	1314.1	1941.5	2401.0	2648.0



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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°	287.2	412.1	496.3	598.8	712.5	776.8	820.5	1051.0	1585.0	2184.8	2456.0
-25°	283.3	394.5	480.2	572.7	677.0	759.4	791.1	829.8	1260.2	1835.0	2261.5
-27.5°	282.4	379.8	462.3	544.5	641.7	736.9	769.9	798.4	1017.8	1483.7	2036.5
-30°	278.7	359.8	442.2	516.5	607.8	697.0	753.5	785.0	834.4	1194.3	1654.5
-32.5°	266.4	338.6	418.7	492.6	572.7	658.7	740.0	778.7	819.2	918.2	1303.7
-35°	250.5	319.2	393.7	466.5	536.8	621.5	704.9	773.6	804.1	850.1	1010.8
-37.5°	235.7	297.7	367.9	438.4	506.4	582.9	667.4	744.3	797.6	833.3	890.6
-40°	218.8	274.3	342.0	409.7	474.9	544.6	623.0	702.5	774.5	835.8	880.0
-42.5°	199.9	253.5	314.3	379.8	441.1	506.9	576.4	653.4	734.9	819.1	881.6
-45°	178.5	230.6	285.4	344.9	404.2	466.0	531.8	600.9	683.7	769.4	852.9
-47.5°	155.2	205.3	257.3	307.6	364.0	422.2	483.6	551.2	624.4	705.7	791.5
-50°	130.8	177.4	225.9	272.3	321.2	375.5	432.1	496.9	565.0	636.2	713.2
-52.5°	106.9	147.5	192.4	237.0	280.4	326.7	379.8	438.0	500.8	566.5	630.8
-55°	81.8	118.8	157.3	199.4	241.2	281.4	325.7	378.0	431.9	491.4	548.5
-57.5°	62.8	89.7	123.8	159.8	199.2	238.6	278.4	317.9	365.2	414.8	461.8
-60°	47.1	65.7	91.0	122.5	154.9	192.0	231.1	268.4	304.5	338.8	379.3
-62.5°	33.3	47.8	64.8	86.1	114.7	144.1	177.8	213.6	250.2	279.9	307.0
-65°	30.2	33.5	45.0	60.3	75.6	101.4	128.2	154.9	186.1	214.7	241.5
-67.5°	27.1	30.1	33.0	38.3	52.1	66.9	81.8	105.3	128.5	149.1	169.5
-70°	24.6	26.7	29.2	31.9	34.7	41.0	54.0	67.0	80.1	95.1	113.1
-72.5°	22.3	24.4	26.3	27.9	30.4	33.4	36.5	39.8	47.3	57.8	68.5
-75°	20.7	22.2	24.1	25.8	27.2	28.8	30.9	33.6	36.2	38.5	40.5
-77.5°	19.6	20.5	21.8	23.5	24.6	25.6	26.8	28.3	30.1	32.1	34.2
-80°	18.2	18.8	19.5	20.4	21.2	22.0	22.8	23.5	24.5	25.9	27.3
-82.5°	16.5	16.9	17.4	17.8	18.1	18.5	18.9	19.5	20.1	20.8	21.5
-85°	14.8	15.1	15.4	15.6	15.5	15.5	15.5	15.5	15.9	16.2	16.5
-87.5°	13.1	13.2	13.3	13.5	13.5	13.5	13.4	13.2	13.3	13.4	13.5
-90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.2	4.7	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°	15.1	15.1	15.1	15.1	15.1	20.3	25.4	30.6	35.8	44.7	53.6
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	4.7	4.5	4.2	3.8	3.7	3.7	3.7	3.7	3.3	2.8
82.5°	5.6	5.2	4.7	4.3	3.8	3.5	3.0	2.6	2.1	2.0	1.9
80°	5.6	5.2	4.8	4.3	3.9	3.7	3.6	3.5	3.5	3.6	3.7
77.5°	5.9	5.6	5.1	4.6	3.9	3.8	3.8	3.8	3.8	3.4	3.0
75°	7.3	7.2	7.1	6.6	5.8	5.4	5.1	4.6	3.9	3.7	3.7
72.5°	13.4	13.3	12.6	11.8	10.4	9.5	9.2	8.8	8.3	8.1	8.0
70°	23.7	23.2	21.9	19.3	15.8	13.4	12.3	11.2	9.9	9.3	9.3
67.5°	33.3	29.6	26.1	22.4	18.0	14.6	12.8	10.9	8.9	7.9	7.8
65°	36.9	29.6	24.5	20.4	17.2	14.0	11.6	9.3	7.2	6.3	6.5
62.5°	33.2	24.5	19.1	15.6	12.9	10.9	9.0	7.4	6.2	5.7	5.7
60°	26.4	17.9	13.2	11.0	9.1	7.6	6.7	5.8	5.0	4.4	4.7
57.5°	19.0	12.7	9.3	8.5	7.5	6.2	5.3	5.1	4.9	5.0	5.3
55°	12.9	10.6	9.4	8.4	7.4	6.3	5.6	5.6	5.6	5.6	5.6
52.5°	10.7	10.1	9.6	8.7	7.7	6.6	5.6	5.6	5.6	5.6	5.6
50°	10.8	10.3	9.8	9.1	8.0	6.9	5.8	5.8	6.3	6.6	6.7
47.5°	11.0	10.5	10.2	9.5	8.6	8.1	7.5	7.7	8.3	8.6	8.5
45°	11.5	11.6	11.5	11.3	10.6	10.7	10.8	11.0	13.4	13.3	11.7
42.5°	14.2	15.1	15.8	16.4	14.1	18.3	24.8	27.7	24.3	19.7	16.6
40°	21.3	22.3	26.7	28.9	35.6	41.9	36.1	29.3	26.2	28.4	30.2
37.5°	33.8	40.1	48.9	59.1	55.0	43.8	44.1	44.0	42.8	46.5	46.4
35°	56.7	71.1	79.8	77.9	72.1	68.8	71.8	75.1	67.8	74.3	76.0
32.5°	91.2	108.5	110.8	104.8	105.2	110.9	121.2	119.8	122.1	129.5	138.0
30°	131.7	152.2	160.1	149.3	141.6	155.2	161.0	166.2	182.9	204.7	224.3
27.5°	198.3	213.2	226.8	215.5	193.0	209.8	221.7	218.2	264.2	288.8	343.8
25°	281.8	303.0	310.7	314.9	307.3	304.1	333.9	349.1	412.7	480.0	594.4
22.5°	384.8	442.7	459.0	437.6	461.7	478.6	498.7	566.8	693.8	900.4	1195.4
20°	515.5	633.6	728.7	713.4	656.7	729.1	811.0	1025.4	1396.6	2231.2	2914.2
17.5°	929.4	931.5	1121.3	1197.8	1104.4	1261.5	1663.7	2361.2	3895.5	6710.9	8536.1
15°	1568.8	1611.1	1698.5	1800.8	1968.8	2378.9	3189.3	6112.2	10513.8	16604.0	22853.2
12.5°	2246.7	2342.2	2491.7	2575.4	2918.2	4015.9	7492.0	13892.2	23183.2	34907.4	54355.8
10°	2829.2	3083.3	3275.9	3537.8	4422.1	7000.4	12998.8	24057.7	42786.2	68080.6	97975.6
7.5°	3241.2	3613.0	3938.8	4431.1	6267.5	11464.8	21525.4	39923.0	68211.4	103932.2	145142.3
5°	3655.4	4125.9	4491.3	5140.2	7446.1	14813.5	28201.4	54788.6	95636.5	144263.8	199378.1
2.5°	4076.3	4605.3	5007.8	5810.8	8200.0	16511.4	31588.4	63660.2	113771.2	172980.8	239893.9
0°	4500.1	5001.0	5424.6	6332.2	9371.2	19182.9	34778.9	67046.1	115460.9	175899.9	243819.6
-2.5°	4480.6	4811.3	5199.2	5902.5	8548.1	17658.8	32325.7	63363.1	109302.8	165363.1	226956.1
-5°	4310.2	4542.5	4849.9	5471.4	7647.4	14719.4	27957.6	54163.3	96538.7	147899.7	200989.6
-7.5°	4045.5	4240.4	4470.2	4983.2	6609.1	11715.4	22614.6	43441.7	76581.9	113792.5	154502.5
-10°	3791.6	3941.9	4105.2	4460.8	5505.5	8586.4	16043.4	29436.2	53309.5	81146.9	112127.7
-12.5°	3557.6	3677.5	3764.2	3914.6	4435.0	6219.3	11535.1	21112.6	34827.3	52071.2	74925.6
-15°	3319.1	3420.8	3465.6	3586.3	3926.7	4809.7	6952.6	12977.3	21771.6	32907.3	44495.5
-17.5°	3063.1	3183.9	3251.4	3328.9	3477.2	3843.0	5025.4	7558.6	12875.4	20351.3	27815.1
-20°	2852.6	2994.8	3052.7	3106.6	3243.3	3458.1	3795.7	4934.9	6876.9	11532.9	16174.2



REPORT NUMBER: P1306307 (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°	2649.3	2777.4	2852.7	2968.3	3145.2	3293.9	3404.5	3675.9	4482.5	5753.0	8021.3
-25°	2464.3	2575.2	2723.8	2945.7	3118.9	3225.2	3246.1	3257.6	3487.5	3739.8	4505.6
-27.5°	2278.0	2435.2	2656.5	2906.8	3112.6	3164.4	3167.2	3163.3	3218.1	3256.3	3446.9
-30°	2112.1	2318.0	2526.9	2794.2	2994.4	3078.6	3114.4	3139.0	3167.2	3202.0	3214.6
-32.5°	1773.8	2194.7	2363.8	2577.8	2830.1	2963.4	3030.4	3087.6	3118.8	3149.2	3173.2
-35°	1402.4	1846.4	2250.1	2388.3	2567.4	2793.2	2961.4	3029.8	3087.4	3119.9	3150.2
-37.5°	1054.7	1435.4	1827.9	2195.6	2378.4	2538.0	2752.9	2920.3	3026.1	3067.8	3104.3
-40°	929.4	1028.2	1374.9	1712.3	2034.4	2338.6	2517.2	2719.4	2881.0	2962.9	3026.3
-42.5°	924.7	961.0	996.3	1233.2	1532.4	1825.8	2103.0	2362.6	2602.2	2765.2	2885.9
-45°	923.7	949.6	979.1	1014.4	1050.1	1279.0	1535.4	1793.0	2056.0	2302.6	2523.7
-47.5°	863.6	928.0	963.4	991.6	1015.3	1045.6	1080.1	1145.3	1359.3	1574.9	1791.1
-50°	781.2	845.6	904.5	960.9	989.5	1009.1	1028.0	1049.4	1076.4	1103.6	1131.4
-52.5°	689.0	750.2	810.2	864.1	910.3	954.9	997.2	1016.7	1031.0	1044.2	1055.5
-55°	603.0	655.5	706.3	754.0	800.2	843.7	883.3	917.2	948.6	977.2	999.5
-57.5°	511.8	561.6	609.0	649.0	687.4	723.8	758.8	791.4	820.8	846.8	868.6
-60°	420.2	461.2	502.7	540.9	577.3	611.7	640.8	667.6	692.1	714.5	735.1
-62.5°	333.9	365.9	401.0	433.1	462.0	490.0	521.0	547.7	570.4	590.3	608.8
-65°	266.3	289.1	314.3	338.6	362.1	388.7	418.0	443.5	465.5	483.9	499.8
-67.5°	192.4	214.7	238.8	260.8	281.1	303.3	330.2	355.5	379.3	398.5	413.9
-70°	129.5	145.4	163.5	183.1	202.8	223.7	247.3	270.1	292.2	309.9	324.5
-72.5°	79.5	89.9	100.3	113.4	127.0	143.1	161.1	179.4	197.6	212.6	225.3
-75°	42.3	45.9	53.8	61.2	68.3	77.2	86.5	95.1	103.1	110.4	117.0
-77.5°	36.2	37.7	39.0	40.3	41.5	45.1	49.6	54.2	59.0	63.9	68.8
-80°	28.8	30.0	31.1	32.3	33.4	36.2	39.2	42.1	45.1	48.4	51.7
-82.5°	22.2	22.8	23.3	23.8	24.3	26.3	28.5	30.7	32.8	35.5	38.1
-85°	16.8	17.0	17.3	17.5	17.7	19.4	21.0	22.6	24.2	27.1	30.0
-87.5°	13.5	13.5	13.5	13.4	13.4	15.5	17.4	19.4	21.2	23.6	25.8
-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: P1306307 (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°	62.6	71.5	76.2	81.0	76.2	71.5	62.6	53.6	44.7	35.8	30.6
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	3.9	4.6
72.5°	7.8	7.4	7.5	7.5	7.5	7.4	7.8	8.0	8.1	8.3	8.8
70°	9.3	9.3	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.9	11.2
67.5°	7.7	7.6	6.7	5.6	6.7	7.6	7.7	7.8	7.9	8.9	10.9
65°	6.9	7.4	6.6	5.6	6.6	7.4	6.9	6.5	6.3	7.2	9.3
62.5°	5.7	5.7	5.6	5.6	5.6	5.7	5.7	5.7	5.7	6.2	7.4
60°	5.0	5.5	5.6	5.6	5.6	5.5	5.0	4.7	4.4	5.0	5.8
57.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.3	5.0	4.9	5.1
55°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
52.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
50°	6.4	5.9	5.6	5.6	5.6	5.9	6.4	6.7	6.6	6.3	5.8
47.5°	8.1	7.7	7.5	7.5	7.5	7.7	8.1	8.5	8.6	8.3	7.7
45°	11.6	11.4	11.2	11.3	11.2	11.4	11.6	11.7	13.3	13.4	11.0
42.5°	16.9	16.8	16.8	16.9	16.8	16.8	16.9	16.6	19.7	24.3	27.7
40°	31.7	31.9	31.2	30.1	31.2	31.9	31.7	30.2	28.4	26.2	29.3
37.5°	46.3	46.6	46.7	47.1	46.7	46.6	46.3	46.4	46.5	42.8	44.0
35°	75.0	73.1	69.0	69.7	69.0	73.1	75.0	76.0	74.3	67.8	75.1
32.5°	143.5	141.5	133.6	139.3	133.6	141.5	143.5	138.0	129.5	122.1	119.8
30°	241.5	251.0	255.1	254.2	255.1	251.0	241.5	224.3	204.7	182.9	166.2
27.5°	371.9	393.1	406.4	414.2	406.4	393.1	371.9	343.8	288.8	264.2	218.2
25°	676.6	729.1	758.8	798.3	758.8	729.1	676.6	594.4	480.0	412.7	349.1
22.5°	1512.9	1702.8	1823.5	1909.3	1823.5	1702.8	1512.9	1195.4	900.4	693.8	566.8
20°	3925.2	3909.7	4224.4	4394.7	4224.4	3909.7	3925.2	2914.2	2231.2	1396.6	1025.4
17.5°	12287.2	14240.0	14735.4	14311.9	14735.4	14240.0	12287.2	8536.1	6710.9	3895.5	2361.2
15°	31583.6	38106.1	41128.7	41086.6	41128.7	38106.1	31583.6	22853.2	16604.0	10513.8	6112.2
12.5°	68105.5	80702.6	88927.8	93903.7	88927.8	80702.6	68105.5	54355.8	34907.4	23183.2	13892.2
10°	123595.9	145175.4	162383.6	171028.8	162383.6	145175.4	123595.9	97975.6	68080.6	42786.2	24057.7
7.5°	183166.6	218082.6	247565.2	259803.5	247565.2	218082.6	183166.6	145142.3	103932.2	68211.4	39923.0
5°	252178.2	307735.2	335328.5	347218.7	335328.5	307735.2	252178.2	199378.1	144263.8	95636.5	54788.6
2.5°	309914.1	365312.0	403879.5	418537.0	403879.5	365312.0	309914.1	239893.9	172980.8	113771.2	63660.2
0°	321471.0	379384.1	421831.1	452557.1	421831.1	379384.1	321471.0	243819.6	175899.9	115460.9	67046.1
-2.5°	296924.6	353511.0	384526.4	397521.1	384526.4	353511.0	296924.6	226956.1	165363.1	109302.8	63363.1
-5°	258127.2	308350.5	337025.3	342784.4	337025.3	308350.5	258127.2	200989.6	147899.7	96538.7	54163.3
-7.5°	197255.7	232022.0	254639.2	259204.7	254639.2	232022.0	197255.7	154502.5	113792.5	76581.9	43441.7
-10°	143452.8	168519.4	183044.0	184615.8	183044.0	168519.4	143452.8	112127.7	81146.9	53309.5	29436.2
-12.5°	95848.3	115489.5	125762.0	127246.9	125762.0	115489.5	95848.3	74925.6	52071.2	34827.3	21112.6
-15°	60063.0	72838.7	80383.3	82018.8	80383.3	72838.7	60063.0	44495.5	32907.3	21771.6	12977.3
-17.5°	37007.9	43470.1	47427.5	50043.5	47427.5	43470.1	37007.9	27815.1	20351.3	12875.4	7558.6
-20°	21639.2	25829.7	28181.4	29250.7	28181.4	25829.7	21639.2	16174.2	11532.9	6876.9	4934.9



REPORT NUMBER: P1306307 (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°	10863.8	12931.3	14339.4	14552.9	14339.4	12931.3	10863.8	8021.3	5753.0	4482.5	3675.9
-25°	5268.8	5844.6	6239.8	6262.5	6239.8	5844.6	5268.8	4505.6	3739.8	3487.5	3257.6
-27.5°	3602.7	3722.5	3800.0	3844.9	3800.0	3722.5	3602.7	3446.9	3256.3	3218.1	3163.3
-30°	3228.0	3245.9	3256.9	3242.3	3256.9	3245.9	3228.0	3214.6	3202.0	3167.2	3139.0
-32.5°	3181.2	3189.7	3195.5	3185.9	3195.5	3189.7	3181.2	3173.2	3149.2	3118.8	3087.6
-35°	3177.6	3200.8	3219.0	3214.1	3219.0	3200.8	3177.6	3150.2	3119.9	3087.4	3029.8
-37.5°	3131.0	3151.4	3165.0	3165.1	3165.0	3151.4	3131.0	3104.3	3067.8	3026.1	2920.3
-40°	3061.7	3089.6	3106.9	3106.8	3106.9	3089.6	3061.7	3026.3	2962.9	2881.0	2719.4
-42.5°	2943.5	2982.6	3001.1	2999.4	3001.1	2982.6	2943.5	2885.9	2765.2	2602.2	2362.6
-45°	2689.8	2815.9	2883.5	2890.2	2883.5	2815.9	2689.8	2523.7	2302.6	2056.0	1793.0
-47.5°	2004.2	2198.4	2317.6	2344.2	2317.6	2198.4	2004.2	1791.1	1574.9	1359.3	1145.3
-50°	1159.0	1185.0	1196.0	1191.9	1196.0	1185.0	1159.0	1131.4	1103.6	1076.4	1049.4
-52.5°	1066.4	1076.9	1084.8	1090.2	1084.8	1076.9	1066.4	1055.5	1044.2	1031.0	1016.7
-55°	1017.6	1031.7	1040.7	1045.0	1040.7	1031.7	1017.6	999.5	977.2	948.6	917.2
-57.5°	886.5	900.5	908.3	911.3	908.3	900.5	886.5	868.6	846.8	820.8	791.4
-60°	752.2	765.9	773.8	777.6	773.8	765.9	752.2	735.1	714.5	692.1	667.6
-62.5°	624.4	637.3	645.1	649.6	645.1	637.3	624.4	608.8	590.3	570.4	547.7
-65°	513.8	526.0	532.6	536.6	532.6	526.0	513.8	499.8	483.9	465.5	443.5
-67.5°	427.7	439.9	447.9	453.8	447.9	439.9	427.7	413.9	398.5	379.3	355.5
-70°	337.8	349.8	354.1	355.9	354.1	349.8	337.8	324.5	309.9	292.2	270.1
-72.5°	236.6	246.5	253.2	258.0	253.2	246.5	236.6	225.3	212.6	197.6	179.4
-75°	123.1	128.4	132.3	135.6	132.3	128.4	123.1	117.0	110.4	103.1	95.1
-77.5°	73.7	78.5	80.8	82.8	80.8	78.5	73.7	68.8	63.9	59.0	54.2
-80°	54.9	58.1	59.3	60.3	59.3	58.1	54.9	51.7	48.4	45.1	42.1
-82.5°	40.7	43.2	44.2	45.2	44.2	43.2	40.7	38.1	35.5	32.8	30.7
-85°	32.9	35.7	36.7	37.7	36.7	35.7	32.9	30.0	27.1	24.2	22.6
-87.5°	28.0	30.3	32.0	33.9	32.0	30.3	28.0	25.8	23.6	21.2	19.4
-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°	25.4	20.3	15.1	15.1	15.1	15.1	15.1	14.6	14.1	13.7	13.2
87.5°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.7	5.2	5.6
85°	3.7	3.7	3.8	4.2	4.5	4.7	5.0	5.0	5.2	5.4	5.6
82.5°	3.0	3.5	3.8	4.3	4.7	5.2	5.6	5.6	5.6	5.6	5.6
80°	3.6	3.7	3.9	4.3	4.8	5.2	5.6	5.7	5.7	5.6	5.7
77.5°	3.8	3.8	3.9	4.6	5.1	5.6	5.9	6.2	6.5	6.6	6.7
75°	5.1	5.4	5.8	6.6	7.1	7.2	7.3	7.2	7.2	7.3	7.5
72.5°	9.2	9.5	10.4	11.8	12.6	13.3	13.4	12.6	11.1	9.1	7.5
70°	12.3	13.4	15.8	19.3	21.9	23.2	23.7	22.8	20.5	18.3	14.6
67.5°	12.8	14.6	18.0	22.4	26.1	29.6	33.3	36.6	36.6	34.0	25.0
65°	11.6	14.0	17.2	20.4	24.5	29.6	36.9	41.9	45.2	46.5	38.4
62.5°	9.0	10.9	12.9	15.6	19.1	24.5	33.2	41.0	48.2	50.3	42.4
60°	6.7	7.6	9.1	11.0	13.2	17.9	26.4	36.0	46.7	46.4	42.2
57.5°	5.3	6.2	7.5	8.5	9.3	12.7	19.0	27.5	37.8	38.7	37.4
55°	5.6	6.3	7.4	8.4	9.4	10.6	12.9	18.1	25.9	28.4	28.9
52.5°	5.6	6.6	7.7	8.7	9.6	10.1	10.7	13.4	15.7	19.2	21.1
50°	5.8	6.9	8.0	9.1	9.8	10.3	10.8	11.3	12.6	14.1	15.4
47.5°	7.5	8.1	8.6	9.5	10.2	10.5	11.0	11.7	12.3	12.6	13.4
45°	10.8	10.7	10.6	11.3	11.5	11.6	11.5	12.8	13.4	13.5	13.1
42.5°	24.8	18.3	14.1	16.4	15.8	15.1	14.2	15.3	15.4	15.1	16.1
40°	36.1	41.9	35.6	28.9	26.7	22.3	21.3	19.7	19.3	17.9	21.0
37.5°	44.1	43.8	55.0	59.1	48.9	40.1	33.8	28.6	24.9	26.3	28.5
35°	71.8	68.8	72.1	77.9	79.8	71.1	56.7	43.5	36.6	37.3	38.1
32.5°	121.2	110.9	105.2	104.8	110.8	108.5	91.2	69.6	56.7	52.5	49.8
30°	161.0	155.2	141.6	149.3	160.1	152.2	131.7	118.3	96.1	70.6	63.7
27.5°	221.7	209.8	193.0	215.5	226.8	213.2	198.3	182.7	146.2	107.3	85.1
25°	333.9	304.1	307.3	314.9	310.7	303.0	281.8	256.2	215.3	162.7	136.5
22.5°	498.7	478.6	461.7	437.6	459.0	442.7	384.8	334.9	326.1	309.5	235.6
20°	811.0	729.1	656.7	713.4	728.7	633.6	515.5	523.6	583.7	525.9	368.6
17.5°	1663.7	1261.5	1104.4	1197.8	1121.3	931.5	929.4	910.4	892.1	797.7	527.1
15°	3189.3	2378.9	1968.8	1800.8	1698.5	1611.1	1568.8	1356.2	1249.4	1095.2	783.7
12.5°	7492.0	4015.9	2918.2	2575.4	2491.7	2342.2	2246.7	1939.8	1657.8	1477.7	1178.8
10°	12998.8	7000.4	4422.1	3537.8	3275.9	3083.3	2829.2	2455.6	2092.8	1888.0	1586.8
7.5°	21525.4	11464.8	6267.5	4431.1	3938.8	3613.0	3241.2	2876.2	2510.8	2287.5	1998.4
5°	28201.4	14813.5	7446.1	5140.2	4491.3	4125.9	3655.4	3239.6	2912.3	2675.6	2402.3
2.5°	31588.4	16511.4	8200.0	5810.8	5007.8	4605.3	4076.3	3563.2	3204.7	2922.9	2633.1
0°	34778.9	19182.9	9371.2	6332.2	5424.6	5001.0	4500.1	3869.3	3440.0	3133.1	2833.8
-2.5°	32325.7	17658.8	8548.1	5902.5	5199.2	4811.3	4480.6	3973.1	3524.9	3166.8	2802.8
-5°	27957.6	14719.4	7647.4	5471.4	4849.9	4542.5	4310.2	3930.5	3509.7	3154.6	2732.1
-7.5°	22614.6	11715.4	6609.1	4983.2	4470.2	4240.4	4045.5	3718.3	3314.0	3001.1	2558.2
-10°	16043.4	8586.4	5505.5	4460.8	4105.2	3941.9	3791.6	3473.6	3114.1	2839.7	2352.7
-12.5°	11535.1	6219.3	4435.0	3914.6	3764.2	3677.5	3557.6	3209.8	2915.6	2674.4	2119.9
-15°	6952.6	4809.7	3926.7	3586.3	3465.6	3420.8	3319.1	2992.1	2761.7	2511.4	1863.2
-17.5°	5025.4	3843.0	3477.2	3328.9	3251.4	3183.9	3063.1	2827.8	2594.3	2279.2	1583.3
-20°	3795.7	3458.1	3243.3	3106.6	3052.7	2994.8	2852.6	2648.0	2401.0	1941.5	1314.1



REPORT NUMBER: P1306307 (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°	3404.5	3293.9	3145.2	2968.3	2852.7	2777.4	2649.3	2456.0	2184.8	1585.0	1051.0
-25°	3246.1	3225.2	3118.9	2945.7	2723.8	2575.2	2464.3	2261.5	1835.0	1260.2	829.8
-27.5°	3167.2	3164.4	3112.6	2906.8	2656.5	2435.2	2278.0	2036.5	1483.7	1017.8	798.4
-30°	3114.4	3078.6	2994.4	2794.2	2526.9	2318.0	2112.1	1654.5	1194.3	834.4	785.0
-32.5°	3030.4	2963.4	2830.1	2577.8	2363.8	2194.7	1773.8	1303.7	918.2	819.2	778.7
-35°	2961.4	2793.2	2567.4	2388.3	2250.1	1846.4	1402.4	1010.8	850.1	804.1	773.6
-37.5°	2752.9	2538.0	2378.4	2195.6	1827.9	1435.4	1054.7	890.6	833.3	797.6	744.3
-40°	2517.2	2338.6	2034.4	1712.3	1374.9	1028.2	929.4	880.0	835.8	774.5	702.5
-42.5°	2103.0	1825.8	1532.4	1233.2	996.3	961.0	924.7	881.6	819.1	734.9	653.4
-45°	1535.4	1279.0	1050.1	1014.4	979.1	949.6	923.7	852.9	769.4	683.7	600.9
-47.5°	1080.1	1045.6	1015.3	991.6	963.4	928.0	863.6	791.5	705.7	624.4	551.2
-50°	1028.0	1009.1	989.5	960.9	904.5	845.6	781.2	713.2	636.2	565.0	496.9
-52.5°	997.2	954.9	910.3	864.1	810.2	750.2	689.0	630.8	566.5	500.8	438.0
-55°	883.3	843.7	800.2	754.0	706.3	655.5	603.0	548.5	491.4	431.9	378.0
-57.5°	758.8	723.8	687.4	649.0	609.0	561.6	511.8	461.8	414.8	365.2	317.9
-60°	640.8	611.7	577.3	540.9	502.7	461.2	420.2	379.3	338.8	304.5	268.4
-62.5°	521.0	490.0	462.0	433.1	401.0	365.9	333.9	307.0	279.9	250.2	213.6
-65°	418.0	388.7	362.1	338.6	314.3	289.1	266.3	241.5	214.7	186.1	154.9
-67.5°	330.2	303.3	281.1	260.8	238.8	214.7	192.4	169.5	149.1	128.5	105.3
-70°	247.3	223.7	202.8	183.1	163.5	145.4	129.5	113.1	95.1	80.1	67.0
-72.5°	161.1	143.1	127.0	113.4	100.3	89.9	79.5	68.5	57.8	47.3	39.8
-75°	86.5	77.2	68.3	61.2	53.8	45.9	42.3	40.5	38.5	36.2	33.6
-77.5°	49.6	45.1	41.5	40.3	39.0	37.7	36.2	34.2	32.1	30.1	28.3
-80°	39.2	36.2	33.4	32.3	31.1	30.0	28.8	27.3	25.9	24.5	23.5
-82.5°	28.5	26.3	24.3	23.8	23.3	22.8	22.2	21.5	20.8	20.1	19.5
-85°	21.0	19.4	17.7	17.5	17.3	17.0	16.8	16.5	16.2	15.9	15.5
-87.5°	17.4	15.5	13.4	13.4	13.5	13.5	13.5	13.5	13.4	13.3	13.2
-90°	2.9	3.3	3.8	3.8	3.8	3.8	3.8	4.3	4.7	5.2	5.6



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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°	12.7	12.3	11.8	11.3	11.3	11.3	11.3	11.3	10.8	10.4	9.9
87.5°	5.6	5.6	5.6	5.6	5.9	6.1	6.3	6.4	6.6	6.9	7.2
85°	5.8	5.9	5.9	5.9	6.2	6.6	6.9	7.2	7.2	7.2	7.3
82.5°	6.1	6.5	6.8	7.0	7.0	7.0	7.2	7.5	7.5	7.5	7.5
80°	6.2	6.6	7.1	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.5
77.5°	6.7	6.8	7.2	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	7.5	7.4	7.4	7.5	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	7.5	7.5	7.5	7.5
70°	10.9	8.2	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5
67.5°	17.1	12.9	9.8	7.9	7.5	7.5	7.5	7.7	7.8	7.5	7.5
65°	27.9	19.2	12.9	10.4	8.4	7.5	7.5	7.9	8.1	7.9	7.5
62.5°	34.7	26.7	18.7	13.4	10.2	8.4	7.5	8.0	8.4	8.4	7.8
60°	37.2	29.5	24.0	18.3	13.0	9.5	8.3	8.1	8.5	8.8	8.3
57.5°	33.6	30.3	26.7	22.3	16.9	11.6	9.2	8.6	8.6	9.0	8.9
55°	28.1	26.5	28.1	25.1	20.1	14.6	10.7	9.4	8.8	9.1	9.4
52.5°	21.0	23.7	27.0	27.0	22.9	17.4	13.1	10.2	9.5	9.2	9.6
50°	15.9	20.3	25.6	27.6	25.4	20.2	15.2	11.8	10.2	9.4	9.8
47.5°	14.7	18.6	22.9	28.1	27.4	22.7	17.3	13.2	10.9	10.0	10.0
45°	15.8	18.5	21.6	26.0	29.0	24.2	19.3	14.2	11.8	10.8	10.3
42.5°	18.0	20.0	22.1	24.3	27.4	25.2	21.0	15.7	12.4	11.5	10.8
40°	22.4	22.7	23.5	25.5	26.1	25.7	21.7	17.1	12.9	12.2	11.4
37.5°	28.1	27.2	26.5	28.8	26.7	25.4	22.0	18.3	14.2	13.1	12.0
35°	36.8	33.5	32.7	34.2	31.3	25.9	22.0	19.0	16.2	14.1	12.5
32.5°	47.1	44.4	43.3	41.0	37.5	27.3	22.4	20.6	18.3	15.2	13.1
30°	62.2	64.3	56.2	48.8	44.9	33.1	25.0	22.5	20.3	16.3	13.8
27.5°	92.5	89.9	72.7	60.5	52.3	41.1	30.5	24.8	22.3	17.7	14.7
25°	131.4	120.8	97.7	74.6	60.5	66.2	37.1	27.4	24.2	19.4	15.6
22.5°	183.1	156.6	126.5	90.0	97.4	99.8	51.0	32.6	26.3	21.1	16.6
20°	242.8	197.0	169.8	149.9	142.5	133.0	75.5	38.3	28.4	22.7	17.6
17.5°	318.7	281.0	272.4	227.3	192.9	169.3	104.6	44.5	30.7	24.2	18.6
15°	524.8	414.9	382.3	313.9	246.4	208.3	137.2	51.0	33.0	25.7	19.4
12.5°	784.0	549.5	498.0	407.6	302.3	249.2	172.2	57.6	35.4	27.2	20.2
10°	1070.4	684.1	617.8	505.9	359.7	291.2	208.5	65.5	39.3	28.7	20.8
7.5°	1371.8	817.9	739.6	606.4	416.6	331.8	246.2	75.9	43.7	30.1	21.4
5°	1651.3	933.8	840.7	690.9	467.3	369.2	282.4	86.3	48.1	31.5	21.8
2.5°	1810.3	1021.3	925.5	768.6	516.4	405.0	315.6	96.2	52.4	32.8	22.3
0°	1939.4	1105.3	1005.5	839.8	563.0	438.7	344.6	105.4	56.5	33.9	22.6
-2.5°	1905.6	1092.4	990.6	833.2	577.4	448.9	348.9	122.5	69.9	42.7	27.0
-5°	1839.2	1075.6	971.2	820.1	588.0	456.4	348.6	138.3	82.7	51.1	31.2
-7.5°	1711.8	1037.9	941.2	800.8	594.5	460.9	344.6	152.9	94.6	58.9	35.0
-10°	1549.0	987.0	898.6	767.9	585.5	459.3	337.7	165.9	105.5	65.9	38.5
-12.5°	1360.1	934.9	857.0	732.9	571.5	452.8	328.9	177.0	115.0	72.0	41.4
-15°	1147.2	882.4	818.0	696.9	555.0	444.5	318.7	186.2	123.2	77.5	43.6
-17.5°	917.5	830.0	782.9	661.2	536.3	434.8	308.0	193.4	130.1	82.4	45.9
-20°	852.3	795.6	749.8	626.9	515.7	423.9	297.2	198.4	135.5	86.1	48.0



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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°	820.5	776.8	712.5	598.8	496.3	412.1	287.2	201.2	139.3	88.5	49.1
-25°	791.1	759.4	677.0	572.7	480.2	394.5	283.3	201.7	141.6	89.4	49.0
-27.5°	769.9	736.9	641.7	544.5	462.3	379.8	282.4	203.4	142.3	88.8	47.8
-30°	753.5	697.0	607.8	516.5	442.2	359.8	278.7	203.2	141.3	87.2	45.3
-32.5°	740.0	658.7	572.7	492.6	418.7	338.6	266.4	200.7	138.2	84.3	43.7
-35°	704.9	621.5	536.8	466.5	393.7	319.2	250.5	196.0	133.0	79.6	41.8
-37.5°	667.4	582.9	506.4	438.4	367.9	297.7	235.7	182.2	125.6	73.0	39.1
-40°	623.0	544.6	474.9	409.7	342.0	274.3	218.8	166.2	116.4	64.6	35.5
-42.5°	576.4	506.9	441.1	379.8	314.3	253.5	199.9	148.6	101.9	57.9	31.0
-45°	531.8	466.0	404.2	344.9	285.4	230.6	178.5	129.5	85.7	51.7	27.7
-47.5°	483.6	422.2	364.0	307.6	257.3	205.3	155.2	110.2	68.7	44.3	26.6
-50°	432.1	375.5	321.2	272.3	225.9	177.4	130.8	89.9	58.1	35.0	25.3
-52.5°	379.8	326.7	280.4	237.0	192.4	147.5	106.9	69.4	47.0	30.4	23.8
-55°	325.7	281.4	241.2	199.4	157.3	118.8	81.8	56.3	35.4	28.0	22.1
-57.5°	278.4	238.6	199.2	159.8	123.8	89.7	62.8	42.8	30.6	25.5	21.5
-60°	231.1	192.0	154.9	122.5	91.0	65.7	47.1	32.4	27.9	23.3	20.6
-62.5°	177.8	144.1	114.7	86.1	64.8	47.8	33.3	29.4	25.2	22.1	19.7
-65°	128.2	101.4	75.6	60.3	45.0	33.5	30.2	26.5	23.4	20.9	18.7
-67.5°	81.8	66.9	52.1	38.3	33.0	30.1	27.1	24.3	21.7	19.5	17.8
-70°	54.0	41.0	34.7	31.9	29.2	26.7	24.6	22.2	20.0	18.6	16.9
-72.5°	36.5	33.4	30.4	27.9	26.3	24.4	22.3	20.3	19.1	17.7	16.0
-75°	30.9	28.8	27.2	25.8	24.1	22.2	20.7	19.6	18.3	16.8	15.0
-77.5°	26.8	25.6	24.6	23.5	21.8	20.5	19.6	18.8	17.3	15.7	14.0
-80°	22.8	22.0	21.2	20.4	19.5	18.8	18.2	17.5	16.0	14.5	12.9
-82.5°	18.9	18.5	18.1	17.8	17.4	16.9	16.5	16.0	14.6	13.2	12.0
-85°	15.5	15.5	15.5	15.6	15.4	15.1	14.8	14.5	13.3	12.3	11.3
-87.5°	13.4	13.5	13.5	13.5	13.3	13.2	13.1	12.9	12.1	11.3	10.6
-90°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.6	7.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.4	8.9	8.5	8.0	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	7.7	7.5	7.5	7.5	7.5	7.5
72.5°	7.6	7.8	7.7	7.5	7.5	7.5	7.5
70°	7.7	7.9	7.9	7.5	7.5	7.5	7.5
67.5°	7.7	8.1	8.1	7.7	7.5	7.5	7.5
65°	7.8	8.2	8.3	7.9	7.5	7.5	7.5
62.5°	7.8	8.2	8.5	8.1	7.5	7.5	7.5
60°	7.9	8.3	8.7	8.3	7.5	7.5	7.5
57.5°	8.3	8.3	8.7	8.5	7.6	7.5	7.5
55°	8.8	8.4	8.8	8.7	7.8	7.5	7.5
52.5°	9.3	8.5	8.8	8.9	7.9	7.5	7.5
50°	9.7	8.9	8.9	9.1	8.0	7.5	7.5
47.5°	10.1	9.3	8.9	9.3	8.2	7.5	7.5
45°	10.4	9.6	9.0	9.3	8.3	7.5	7.5
42.5°	10.7	10.0	9.1	9.4	8.4	7.5	7.5
40°	11.0	10.4	9.2	9.4	8.5	7.5	7.5
37.5°	11.3	10.7	9.5	9.5	8.6	7.5	7.5
35°	11.7	11.0	9.8	9.5	8.7	7.5	7.5
32.5°	12.1	11.3	10.0	9.6	8.8	7.5	7.5
30°	12.5	11.6	10.3	9.7	8.9	7.5	7.5
27.5°	13.0	11.9	10.5	9.8	9.0	7.5	7.5
25°	13.5	12.2	10.7	9.9	9.0	7.5	7.5
22.5°	13.9	12.5	10.8	10.0	9.1	7.5	7.5
20°	14.3	12.6	11.0	10.2	9.2	7.5	7.5
17.5°	14.7	12.8	11.1	10.3	9.2	7.5	7.5
15°	15.0	12.9	11.2	10.4	9.3	7.5	7.5
12.5°	15.3	13.0	11.2	10.6	9.3	7.5	7.5
10°	15.7	13.1	11.3	10.7	9.3	7.5	7.5
7.5°	16.0	13.1	11.3	10.9	9.4	7.5	7.5
5°	16.3	13.2	11.3	11.0	9.4	7.5	7.5
2.5°	16.6	13.2	11.3	11.2	9.4	7.5	7.5
0°	16.9	13.2	11.3	11.3	9.4	7.5	7.5
-2.5°	18.4	13.6	11.6	11.4	9.5	7.5	7.5
-5°	19.8	14.0	12.0	11.5	9.6	7.6	7.5
-7.5°	21.1	14.3	12.3	11.6	9.6	7.6	7.5
-10°	22.2	14.7	12.6	11.7	9.7	7.7	7.5
-12.5°	23.1	15.0	12.9	11.8	9.7	7.7	7.5
-15°	23.8	15.3	13.1	11.8	9.8	7.7	7.5
-17.5°	24.3	15.6	13.4	11.9	9.8	7.8	7.5
-20°	24.7	15.9	13.6	11.9	9.8	7.8	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.3	16.1	13.8	12.0	9.8	7.8	7.5
-25°	25.5	16.5	13.9	12.0	9.8	7.9	7.5
-27.5°	25.0	16.8	14.0	12.0	9.8	7.9	7.5
-30°	24.1	17.0	14.1	12.0	9.8	7.9	7.5
-32.5°	22.5	17.1	14.2	11.9	9.8	7.9	7.5
-35°	22.1	17.1	14.2	11.9	9.8	7.9	7.5
-37.5°	22.0	17.0	14.2	11.9	9.8	8.0	7.5
-40°	21.8	17.0	14.1	11.8	9.7	8.0	7.5
-42.5°	21.4	16.9	14.1	11.7	9.7	8.0	7.5
-45°	20.7	16.8	14.0	11.7	9.6	8.0	7.5
-47.5°	19.9	16.6	13.8	11.6	9.6	8.0	7.5
-50°	19.5	16.4	13.7	11.4	9.5	8.0	7.5
-52.5°	19.1	16.1	13.5	11.3	9.4	8.0	7.5
-55°	18.7	15.7	13.2	11.1	9.3	7.9	7.5
-57.5°	18.2	15.4	13.0	11.0	9.2	7.9	7.5
-60°	17.6	15.0	12.7	10.8	9.1	7.9	7.5
-62.5°	17.0	14.5	12.4	10.6	9.1	7.9	7.5
-65°	16.4	14.0	12.0	10.3	9.0	7.9	7.5
-67.5°	15.6	13.5	11.6	10.1	8.8	7.8	7.5
-70°	14.9	12.9	11.2	9.8	8.7	7.8	7.5
-72.5°	14.1	12.3	10.8	9.6	8.6	7.8	7.5
-75°	13.2	11.7	10.4	9.4	8.4	7.7	7.5
-77.5°	12.3	11.0	10.0	9.2	8.3	7.7	7.5
-80°	11.4	10.5	9.7	8.9	8.1	7.7	7.5
-82.5°	10.8	10.1	9.4	8.7	8.0	7.6	7.5
-85°	10.4	9.7	9.1	8.5	7.8	7.6	7.5
-87.5°	9.9	9.3	8.8	8.2	7.7	7.5	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)