

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: P1306135 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

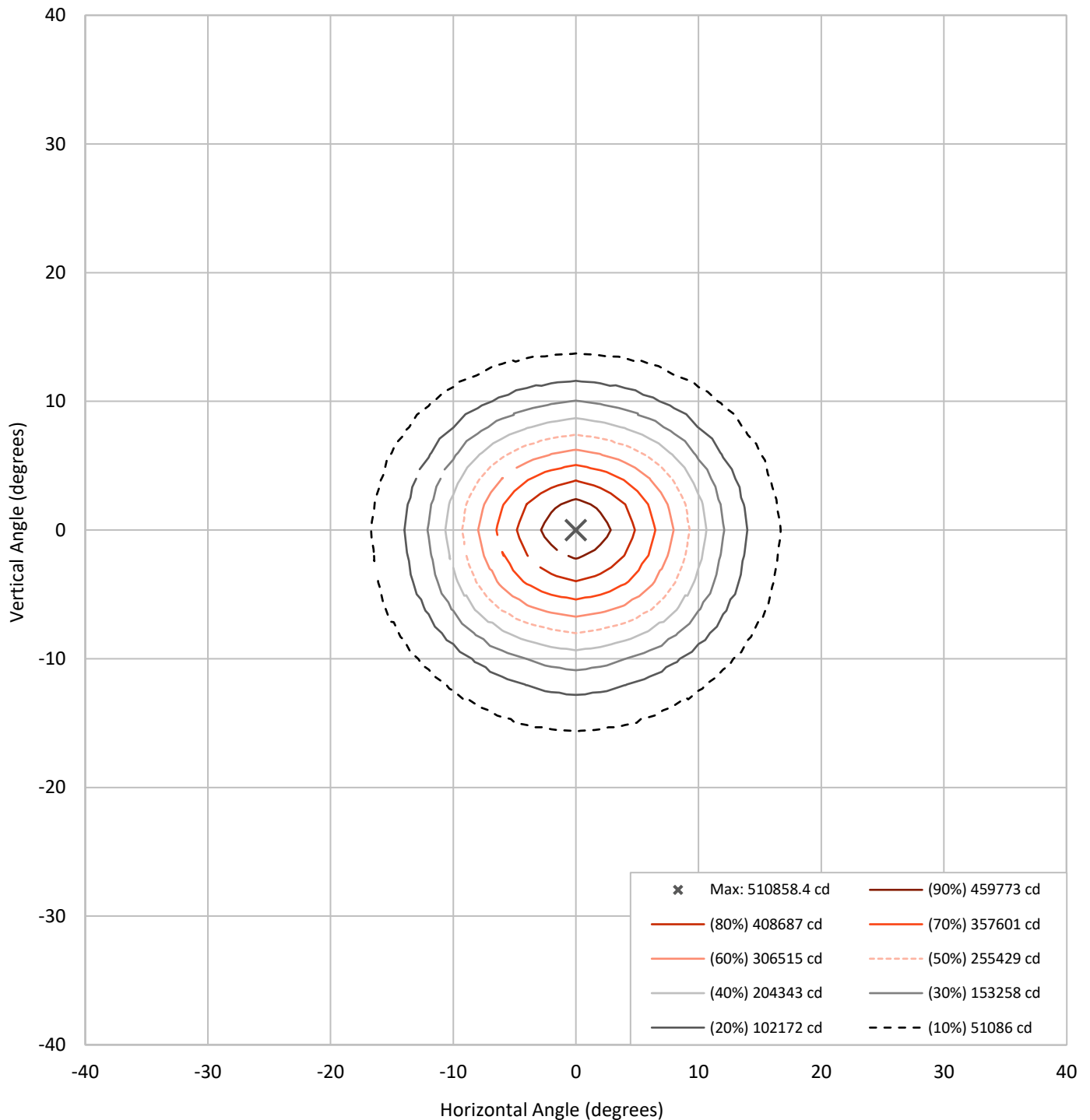
Test Method: LM-79-08
Report Number: P1306135 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S 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:	52521.1 lumens	Max Intensity:	510858.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	24222.1 lumens	Field Lumens:	44687.2 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	566		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





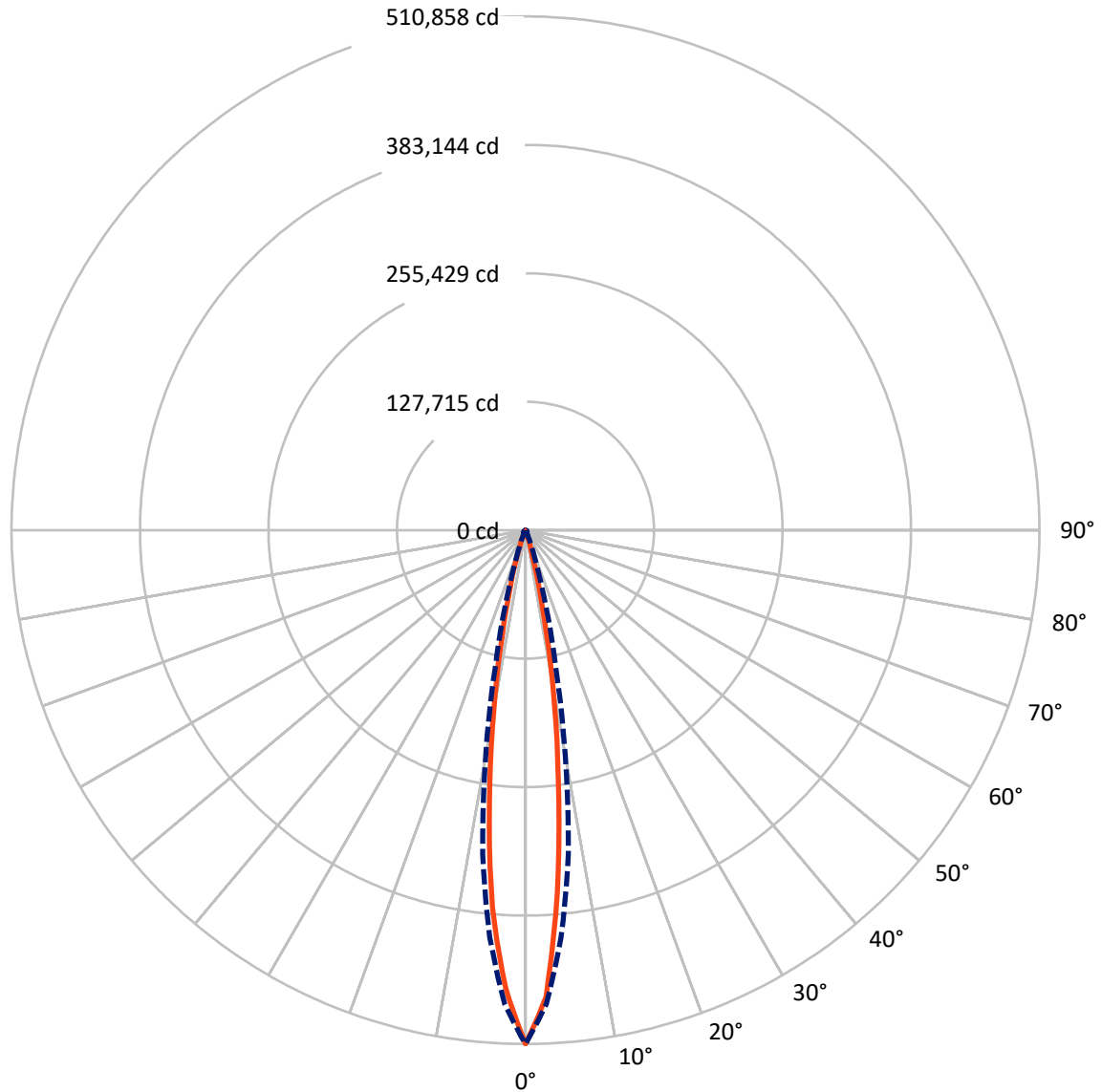
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Lumen Table

90	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
80	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
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	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.2	0.2			
40		0.3	0.6	0.8	1.4	1.9	2.0	2.3	2.3	2.0	1.9	1.4	0.8	0.6	0.3				
30	0.3	0.5	1.3	3.1	5.9	6.6	9.5	19.0	19.0	9.5	6.6	5.9	3.1	1.3	0.5	0.3			
20		1.0	4.2	14.3	26.7	35.5	263.3	1096.7	1096.7	263.3	35.5	26.7	14.3	4.2	1.0				
10	0.4	1.7	8.5	36.1	58.4	132.8	1931.9	8371.4	8371.4	1931.9	132.8	58.4	36.1	8.5	1.7	0.4			
0		2.1	9.8	41.5	68.4	136.1	2073.4	8750.0	8750.0	2073.4	136.1	68.4	41.5	9.8	2.1				
-10	0.5	2.3	8.6	31.4	56.5	62.2	442.2	1717.5	1717.5	442.2	62.2	56.5	31.4	8.6	2.3	0.5			
-20		2.2	7.4	17.6	45.5	52.6	58.1	113.1	113.1	58.1	52.6	45.5	17.6	7.4	2.2				
-30	0.4	1.9	6.3	11.2	27.8	52.6	61.5	62.1	62.1	61.5	52.6	27.8	11.2	6.3	1.9	0.4			
-40		1.3	4.7	9.6	15.1	26.6	44.8	58.8	58.8	44.8	26.6	15.1	9.6	4.7	1.3				
-50	0.3	0.6	2.6	6.3	11.3	15.6	18.4	20.5	20.5	18.4	15.6	11.3	6.3	2.6	0.6	0.3			
-60		0.3	0.9	2.6	5.0	7.8	10.3	12.2	12.2	10.3	7.8	5.0	2.6	0.9	0.3				
-70	0.2	0.9		2.3		5.5		9.2		5.5		2.3		0.9		0.2			
-80		0.9		2.3		5.5		9.2		5.5		2.3		0.9					
-90	0.2	0.9		2.3		5.5		9.2		5.5		2.3		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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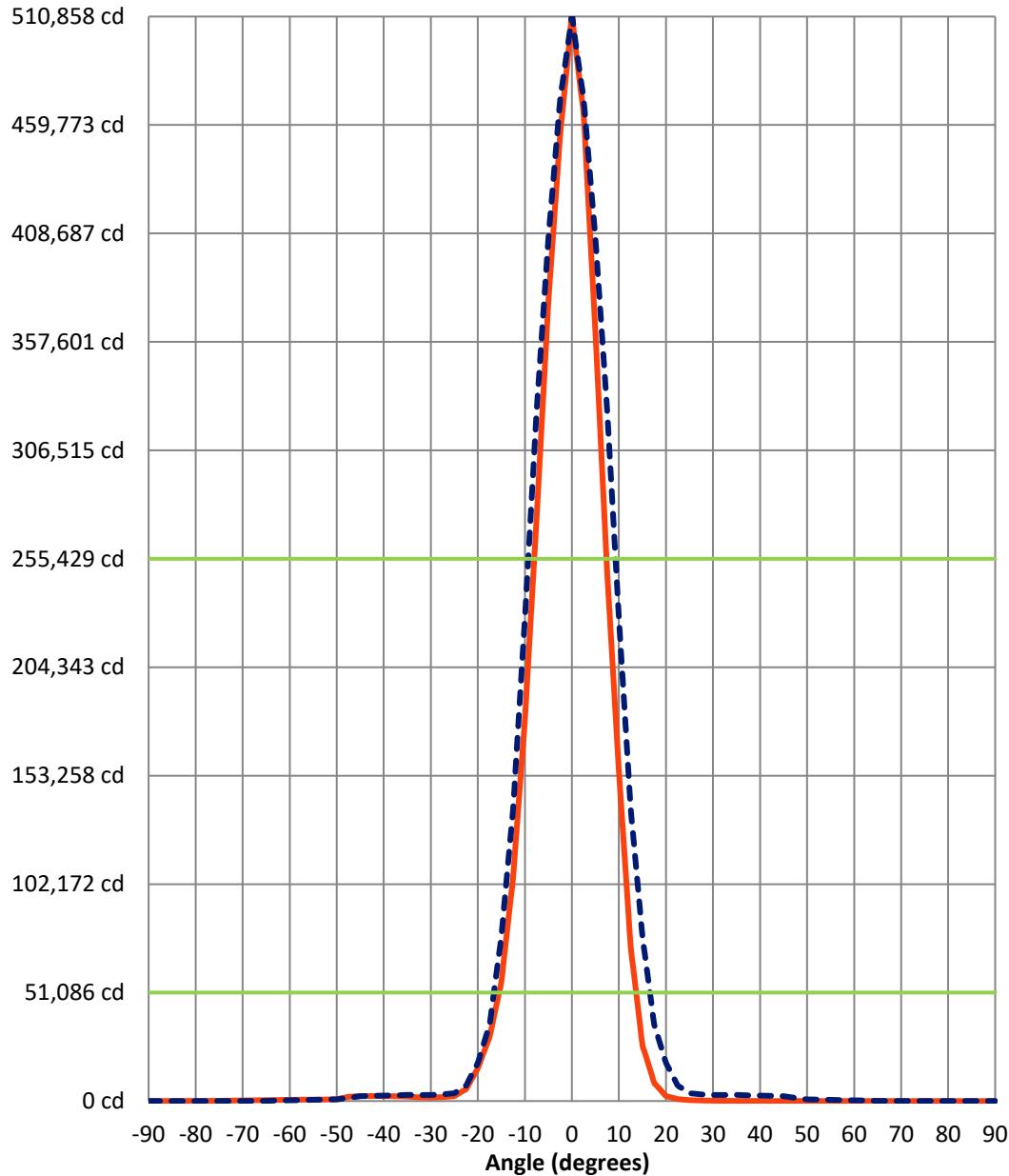
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 24222.1
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 44687.2
 Efficiency: 85.1%

Spill:
 Lumens: 7833.9
 Efficiency: 14.9%

— 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°	6.5	6.5	6.5	6.8	7.2	7.5	7.8	7.8	7.8	7.8	7.8
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
82.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
80°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
77.5°	6.5	6.5	6.5	6.5	6.5	6.6	6.5	6.5	6.5	6.5	6.5
75°	6.5	6.5	6.5	6.5	6.5	6.7	6.6	6.5	6.5	6.6	6.6
72.5°	6.5	6.5	6.5	6.5	6.8	6.9	6.6	6.6	6.8	6.8	6.6
70°	6.5	6.5	6.5	6.5	7.0	7.1	6.8	6.9	7.0	7.0	7.1
67.5°	6.5	6.5	6.5	6.8	7.3	7.3	7.1	7.2	7.3	7.5	7.7
65°	6.5	6.5	6.5	7.1	7.6	7.6	7.5	7.6	7.8	8.0	8.1
62.5°	6.5	6.5	6.5	7.3	7.8	7.9	7.9	8.0	8.2	8.5	8.3
60°	6.5	6.5	6.5	7.6	8.1	8.2	8.3	8.4	8.7	8.8	8.5
57.5°	6.5	6.5	6.7	7.9	8.4	8.5	8.7	8.8	9.1	9.1	9.0
55°	6.5	6.5	6.8	8.1	8.6	8.8	9.2	9.3	9.5	9.5	9.7
52.5°	6.5	6.5	7.0	8.4	8.9	9.2	9.6	9.8	9.9	10.1	10.3
50°	6.5	6.5	7.2	8.7	9.1	9.6	10.1	10.4	10.4	10.6	11.9
47.5°	6.5	6.5	7.3	9.0	9.4	10.0	10.7	11.1	10.8	11.2	13.5
45°	6.5	6.5	7.4	9.2	9.6	10.5	11.3	11.8	11.6	12.5	15.0
42.5°	6.5	6.5	7.5	9.4	9.9	10.9	12.0	12.6	12.5	13.7	16.6
40°	6.5	6.5	7.6	9.4	10.2	11.4	12.7	13.4	13.7	15.0	17.9
37.5°	6.5	6.5	7.7	9.5	10.5	11.9	13.4	14.3	15.1	16.7	19.0
35°	6.5	6.5	7.8	9.5	10.9	12.4	14.2	15.3	16.6	18.5	19.8
32.5°	6.5	6.5	7.9	9.5	11.2	13.0	15.0	16.3	18.0	20.6	22.0
30°	6.5	6.5	7.9	9.6	11.6	13.6	15.8	17.3	19.4	22.8	24.4
27.5°	6.5	6.5	8.0	9.6	11.7	14.2	16.6	18.5	21.0	25.1	27.2
25°	6.5	6.5	8.0	9.6	11.7	14.9	17.5	19.7	22.9	27.4	30.2
22.5°	6.5	6.5	8.0	9.6	11.7	15.3	18.3	20.9	24.8	29.9	34.9
20°	6.5	6.5	8.0	9.5	11.7	15.2	19.2	22.0	26.8	32.5	39.8
17.5°	6.5	6.5	8.0	9.5	11.6	15.1	19.3	23.0	28.8	35.1	45.1
15°	6.5	6.5	8.0	9.5	11.5	15.0	19.0	23.5	30.7	37.9	50.5
12.5°	6.5	6.5	8.0	9.4	11.4	14.7	18.5	23.1	31.6	40.6	56.0
10°	6.5	6.5	8.0	9.4	11.2	14.5	18.1	22.8	31.6	41.9	61.3
7.5°	6.5	6.5	7.9	9.3	11.0	14.2	17.5	22.4	31.4	43.0	66.2
5°	6.5	6.5	7.9	9.3	10.8	13.8	16.9	21.9	31.0	44.0	70.9
2.5°	6.5	6.5	7.9	9.2	10.6	13.4	16.3	21.4	30.5	44.8	75.4
0°	6.5	6.5	7.8	9.1	10.4	13.0	15.6	20.8	29.9	45.5	79.3
-2.5°	6.5	6.5	7.8	9.1	10.5	13.1	16.3	23.0	35.2	54.5	91.6
-5°	6.5	6.6	7.8	9.1	10.6	13.2	16.9	25.1	40.3	63.0	103.1
-7.5°	6.5	6.6	7.8	9.1	10.7	13.3	17.5	27.0	44.9	70.9	113.5
-10°	6.5	6.6	7.8	9.0	10.7	13.4	17.9	28.6	48.9	77.9	122.7
-12.5°	6.5	6.6	7.8	9.0	10.8	13.4	18.3	29.9	52.3	84.2	131.5
-15°	6.5	6.7	7.7	9.0	10.8	13.4	18.5	30.8	55.6	90.6	139.1
-17.5°	6.5	6.7	7.7	8.9	10.8	13.4	18.6	32.3	59.2	95.9	145.1
-20°	6.5	6.7	7.7	8.9	10.8	13.3	18.9	33.9	61.8	100.1	149.2



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 CATALOG NUMBER: EPH-08-530N-40-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.5	6.7	7.7	8.8	10.7	13.3	19.4	34.8	63.4	103.1	151.5
-25°	6.5	6.7	7.7	8.7	10.6	13.4	19.6	34.9	63.7	104.7	151.7
-27.5°	6.5	6.8	7.6	8.7	10.5	13.5	19.5	34.2	62.8	105.0	152.9
-30°	6.5	6.8	7.6	8.6	10.3	13.6	19.0	32.6	61.6	103.8	152.5
-32.5°	6.5	6.8	7.6	8.5	10.3	13.5	18.1	31.6	59.7	100.8	150.3
-35°	6.5	6.8	7.6	8.4	10.2	13.5	17.8	30.6	56.5	96.1	146.3
-37.5°	6.5	6.8	7.6	8.3	10.1	13.3	17.6	28.9	51.9	89.6	135.2
-40°	6.5	6.8	7.6	8.2	10.0	13.2	17.4	26.7	45.9	82.8	122.5
-42.5°	6.5	6.8	7.6	8.1	9.9	13.0	17.0	23.9	41.5	72.6	108.5
-45°	6.5	6.8	7.6	8.1	9.9	12.8	16.5	21.7	37.5	61.3	93.6
-47.5°	6.5	6.8	7.6	8.0	9.9	12.5	15.9	20.9	32.8	49.2	79.9
-50°	6.5	6.8	7.6	8.1	9.8	12.1	15.4	20.0	26.7	42.4	65.3
-52.5°	6.5	6.8	7.6	8.1	9.7	11.8	14.9	18.9	23.7	35.1	50.6
-55°	6.5	6.8	7.6	8.2	9.5	11.6	14.4	17.8	22.0	27.5	42.0
-57.5°	6.5	6.8	7.6	8.2	9.4	11.3	13.8	17.0	20.3	24.2	32.9
-60°	6.5	6.8	7.6	8.2	9.2	11.1	13.2	16.2	18.6	22.1	25.7
-62.5°	6.5	6.8	7.6	8.2	9.2	10.8	12.8	15.2	17.5	20.0	23.4
-65°	6.5	6.7	7.5	8.2	9.1	10.5	12.4	14.3	16.4	18.6	21.0
-67.5°	6.5	6.7	7.4	8.1	8.9	10.2	11.9	13.7	15.3	17.3	19.3
-70°	6.5	6.7	7.3	8.1	8.8	9.9	11.4	13.0	14.5	16.0	17.8
-72.5°	6.5	6.7	7.2	8.0	8.6	9.6	10.9	12.3	13.7	15.1	16.4
-75°	6.5	6.7	7.1	7.8	8.4	9.2	10.4	11.6	12.9	14.2	15.4
-77.5°	6.5	6.6	7.0	7.6	8.2	8.9	9.8	10.8	11.9	13.2	14.4
-80°	6.5	6.6	6.9	7.5	8.0	8.6	9.1	10.0	10.9	11.9	13.0
-82.5°	6.5	6.6	6.8	7.3	7.8	8.3	8.8	9.2	9.8	10.6	11.4
-85°	6.5	6.6	6.7	7.2	7.6	8.0	8.5	8.8	9.1	9.5	10.0
-87.5°	6.5	6.5	6.6	7.0	7.4	7.8	8.1	8.3	8.5	8.7	8.9
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.8	7.8	7.8	7.8	8.1	8.5	8.8	9.1	9.1	9.1	9.1
87.5°	6.2	5.9	5.5	5.2	4.9	4.6	4.2	3.9	3.9	3.9	3.9
85°	6.2	5.9	5.5	5.2	5.0	4.7	4.6	4.4	4.4	4.3	4.1
82.5°	6.2	5.9	5.6	5.2	5.1	5.2	5.2	5.2	4.9	4.6	4.3
80°	6.2	5.9	5.7	5.6	5.6	5.6	5.5	5.2	4.9	4.7	4.5
77.5°	6.3	6.2	6.2	6.3	6.3	6.0	5.9	5.9	5.8	5.7	5.6
75°	6.4	6.5	6.6	6.6	6.4	6.4	6.5	6.5	6.4	6.3	6.3
72.5°	6.7	6.9	6.8	6.7	6.5	6.5	6.5	6.5	7.3	8.5	9.5
70°	7.2	7.3	7.0	6.7	6.5	6.9	8.4	10.1	11.9	13.7	15.9
67.5°	7.7	7.4	7.1	7.0	8.0	9.7	11.7	16.5	22.3	24.7	25.7
65°	7.8	7.5	7.8	8.8	10.2	13.7	18.9	25.6	32.9	34.2	33.4
62.5°	7.9	8.2	9.1	10.9	13.7	18.3	24.9	32.4	40.7	40.9	35.7
60°	8.4	8.9	10.9	13.9	17.2	22.4	30.0	35.8	41.8	44.2	33.8
57.5°	9.1	10.5	13.5	17.1	21.3	25.0	29.2	34.8	37.2	37.1	27.4
55°	10.3	12.6	16.4	20.9	24.0	23.2	26.0	27.9	28.3	26.4	19.1
52.5°	12.3	15.0	19.7	23.6	24.3	21.9	20.3	21.3	20.0	17.1	14.9
50°	14.3	18.1	22.8	25.3	23.9	19.6	16.2	16.3	15.4	14.1	12.7
47.5°	16.5	20.9	25.4	26.5	22.0	18.7	15.7	14.5	13.9	13.3	12.2
45°	18.6	22.9	27.7	24.8	21.3	19.4	17.0	14.3	14.3	13.9	13.9
42.5°	20.4	24.4	26.4	23.2	22.7	21.3	19.3	16.7	15.7	16.3	16.6
40°	21.5	25.6	25.4	25.4	24.9	24.2	22.7	20.7	18.5	20.0	20.7
37.5°	22.3	25.4	26.2	29.0	28.1	27.9	26.9	27.1	25.6	24.8	27.9
35°	22.8	26.0	30.5	33.9	33.4	32.3	34.0	35.0	34.5	33.5	38.4
32.5°	23.5	27.3	36.0	39.6	41.0	40.2	42.4	44.4	46.5	49.0	56.9
30°	26.0	32.4	42.2	46.2	50.2	54.9	53.8	55.4	61.2	79.6	96.8
27.5°	31.0	39.0	48.4	54.9	62.1	73.0	75.3	72.5	90.2	119.6	150.3
25°	36.6	58.6	55.1	65.1	79.6	94.6	102.7	109.0	133.2	176.3	208.4
22.5°	47.8	84.6	84.1	76.4	99.5	119.6	139.1	182.2	243.4	263.0	269.4
20°	66.9	110.5	118.7	121.3	129.2	147.6	180.7	282.0	404.4	450.5	401.2
17.5°	89.4	138.9	157.0	176.7	200.8	206.2	234.4	402.1	604.7	674.0	674.3
15°	114.4	169.4	197.6	237.5	277.2	302.2	395.6	598.3	821.5	931.2	993.9
12.5°	141.3	201.3	240.0	302.5	357.3	401.3	605.2	928.4	1136.0	1231.8	1414.6
10°	169.1	234.1	283.5	370.3	440.0	502.3	840.9	1280.6	1482.8	1576.6	1785.4
7.5°	196.7	264.7	326.0	439.3	524.1	604.1	1091.8	1644.5	1817.5	1901.1	2071.2
5°	223.3	291.9	359.6	491.8	590.5	687.5	1319.4	2007.0	2141.8	2209.2	2305.2
2.5°	247.7	317.7	391.9	539.0	643.8	740.1	1418.3	2166.1	2314.0	2415.1	2497.0
0°	269.0	341.8	422.3	582.2	693.9	788.8	1490.5	2297.5	2453.5	2574.3	2673.1
-2.5°	270.0	346.9	432.3	580.4	682.7	781.0	1421.6	2267.8	2501.3	2682.7	2830.7
-5°	267.5	349.9	439.6	574.8	668.9	769.3	1330.9	2196.6	2511.1	2704.2	2855.4
-7.5°	262.1	350.6	443.9	564.7	648.4	739.6	1251.5	2051.1	2397.5	2562.9	2723.5
-10°	255.1	348.6	437.6	541.2	618.9	698.9	1150.7	1882.0	2281.2	2423.3	2572.4
-12.5°	249.1	344.6	428.2	518.0	588.9	657.0	1018.7	1696.0	2165.9	2289.6	2408.7
-15°	242.0	339.2	417.6	496.4	559.2	614.8	854.0	1499.2	2053.2	2192.1	2284.2
-17.5°	234.4	332.7	406.1	477.4	530.4	572.9	659.0	1262.6	1865.5	2077.3	2185.1
-20°	226.8	325.2	394.1	462.2	503.3	543.4	601.1	1021.6	1572.9	1938.7	2076.3



REPORT NUMBER: P1306135 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	219.8	316.9	382.3	446.5	488.8	524.4	570.5	787.1	1263.8	1782.0	1947.9
-25°	217.1	304.1	370.8	431.4	478.1	506.4	539.1	590.1	978.4	1470.9	1803.7
-27.5°	216.4	293.5	357.2	415.4	469.7	491.1	516.1	555.0	753.9	1151.7	1625.9
-30°	213.1	278.2	342.3	398.7	453.4	482.5	498.2	529.0	582.3	887.9	1276.9
-32.5°	203.2	261.9	324.4	380.9	434.0	477.3	489.4	515.3	554.7	642.1	957.7
-35°	190.9	246.6	305.1	361.6	414.1	462.4	489.4	504.6	530.9	572.6	714.4
-37.5°	179.2	230.1	285.1	340.6	391.9	440.7	487.8	501.3	518.9	548.7	602.7
-40°	165.7	212.5	265.5	318.2	367.8	416.1	462.4	501.8	512.4	542.4	580.2
-42.5°	150.3	195.5	245.2	294.5	340.9	388.3	434.9	478.9	520.2	540.8	570.1
-45°	133.3	176.4	223.8	267.9	311.2	357.6	403.1	448.9	502.2	550.1	569.7
-47.5°	115.0	155.4	199.7	239.4	279.8	322.7	368.4	416.6	470.1	523.2	578.1
-50°	96.1	133.5	172.0	209.5	246.6	286.0	327.9	378.8	429.9	482.9	536.1
-52.5°	78.8	110.1	144.6	179.0	213.2	247.7	288.0	333.9	383.2	434.1	481.3
-55°	60.4	88.4	116.5	148.3	180.1	210.9	246.5	288.0	330.7	377.5	420.3
-57.5°	47.0	66.4	90.7	116.7	146.1	175.8	208.2	241.4	279.5	318.8	354.2
-60°	36.3	48.9	66.4	88.4	111.0	139.2	169.5	199.8	230.5	259.4	289.6
-62.5°	26.8	36.7	47.8	61.9	81.5	102.4	128.4	156.1	184.0	208.5	230.5
-65°	24.1	26.9	34.6	44.4	53.6	72.1	91.7	111.3	135.3	156.8	176.8
-67.5°	21.4	23.9	26.4	30.2	38.9	48.5	58.5	75.7	92.8	107.7	122.6
-70°	19.5	21.0	23.1	25.3	27.6	32.1	40.5	49.3	58.1	68.5	81.5
-72.5°	17.8	19.2	20.5	21.8	23.9	26.2	28.7	31.3	36.4	43.4	50.5
-75°	16.4	17.4	18.5	19.7	21.0	22.4	24.0	26.1	28.1	29.9	31.5
-77.5°	15.1	15.8	16.6	17.6	18.6	19.6	20.8	22.1	23.3	24.7	26.2
-80°	13.7	14.3	14.8	15.4	16.1	16.8	17.6	18.5	19.2	19.9	20.7
-82.5°	11.9	12.3	12.8	13.2	13.6	14.0	14.4	14.9	15.2	15.4	15.7
-85°	10.2	10.4	10.7	11.0	11.2	11.5	11.8	12.0	11.9	11.8	11.7
-87.5°	9.0	9.1	9.2	9.3	9.5	9.7	9.9	10.0	9.8	9.6	9.4
-90°	6.2	5.9	5.5	5.2	4.9	4.6	4.2	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.1	9.1	9.1	9.1	9.1	12.7	16.2	19.8	23.4	32.2	40.9
87.5°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
85°	3.9	3.6	3.3	2.9	2.6	2.6	2.5	2.5	2.5	2.2	1.9
82.5°	3.9	3.8	3.6	3.6	3.5	3.4	3.1	2.9	2.6	2.3	2.0
80°	4.3	4.3	4.2	4.1	3.9	3.6	3.3	3.0	2.6	2.6	2.6
77.5°	5.4	5.2	4.9	4.5	4.0	3.8	3.7	3.7	3.7	3.5	3.2
75°	6.4	6.3	6.2	5.8	5.3	5.2	5.2	5.1	5.0	4.7	4.5
72.5°	10.3	10.4	10.0	9.6	8.9	8.6	8.6	8.5	8.3	8.2	8.1
70°	17.2	17.4	16.8	15.6	13.6	12.3	11.8	11.1	10.4	10.5	11.2
67.5°	24.9	23.1	21.4	19.2	16.4	14.3	13.3	12.2	11.0	10.3	10.1
65°	30.2	23.9	20.4	18.0	16.4	14.9	13.2	11.6	10.2	9.3	8.8
62.5°	28.8	20.4	16.7	15.0	13.7	12.6	10.9	9.4	8.1	7.3	7.3
60°	24.7	17.1	13.1	11.7	10.4	9.2	8.3	7.5	6.9	6.6	7.0
57.5°	19.3	13.4	10.3	9.8	9.1	8.2	7.7	7.5	7.0	6.5	6.9
55°	14.1	11.8	10.5	10.0	9.7	9.3	8.8	8.2	7.7	7.3	7.6
52.5°	12.2	11.5	11.4	11.3	10.5	9.8	9.1	8.9	8.8	8.6	8.8
50°	11.9	11.8	11.8	11.5	10.9	10.5	10.3	10.2	10.1	10.0	10.0
47.5°	12.2	12.4	12.4	11.8	11.6	11.8	11.7	11.6	11.8	11.9	12.2
45°	13.4	13.8	13.9	14.1	13.7	14.1	14.2	14.1	16.2	16.4	15.5
42.5°	16.2	18.0	19.2	18.8	17.2	20.6	25.7	27.9	25.7	22.3	20.1
40°	23.1	25.3	26.2	28.0	34.8	40.0	35.2	30.4	28.3	30.0	31.5
37.5°	32.3	35.2	43.5	53.9	50.1	40.8	41.8	42.2	41.3	44.0	44.4
35°	47.3	60.7	70.7	67.5	62.8	61.8	64.1	64.8	58.5	61.4	62.4
32.5°	75.8	92.1	92.9	88.7	91.0	91.5	97.8	93.6	88.2	90.8	98.0
30°	109.5	125.5	131.4	123.9	110.2	117.9	124.5	122.4	126.2	137.3	149.1
27.5°	162.0	172.4	182.2	167.1	139.8	151.8	156.4	151.6	177.6	191.5	219.2
25°	224.7	236.6	244.2	231.5	212.7	203.0	217.7	228.8	260.4	291.3	334.5
22.5°	293.1	324.8	333.9	301.0	301.0	300.8	306.5	344.1	386.7	454.7	568.8
20°	372.7	435.8	486.3	453.0	410.1	439.0	474.7	520.9	642.2	950.7	1301.5
17.5°	654.9	610.6	703.5	706.6	645.0	712.5	841.1	1006.6	1518.5	3092.4	4124.2
15°	1114.3	1067.6	1009.8	1012.9	1073.7	1206.2	1469.3	2385.8	4646.7	8005.9	11477.6
12.5°	1583.4	1513.4	1428.3	1405.8	1538.6	1805.3	3046.9	6818.1	12141.6	17938.8	32809.7
10°	1953.5	1916.3	1837.7	1896.4	2118.3	2901.6	5440.6	11981.6	22966.6	42172.5	65870.7
7.5°	2170.7	2156.5	2177.6	2349.7	2711.5	4773.7	10356.3	20079.2	38181.1	67285.3	109979.7
5°	2388.7	2400.5	2464.7	2701.4	3164.6	6072.1	14616.7	27902.6	55283.6	98065.1	164180.2
2.5°	2630.3	2641.1	2727.4	3025.5	3555.5	6275.0	15630.6	32884.9	70094.8	126157.3	213797.6
0°	2908.3	2845.9	2871.9	3143.5	3690.6	7318.9	18038.6	36061.5	77577.1	137826.4	227214.8
-2.5°	3007.1	2873.6	2849.2	3078.5	3558.2	6485.9	16113.7	33533.8	71252.9	126266.3	211870.6
-5°	2940.1	2757.7	2684.7	2872.4	3327.6	5687.2	13549.1	30513.4	63261.6	108014.6	179530.8
-7.5°	2773.5	2598.7	2491.2	2632.4	3029.9	4686.3	10378.4	23106.8	46047.2	79919.1	127534.5
-10°	2630.6	2463.0	2299.1	2344.4	2619.6	3488.2	6461.1	15135.3	30422.7	53947.6	81082.9
-12.5°	2506.8	2366.4	2121.0	2046.5	2200.7	2608.4	4509.4	10316.1	19459.8	30602.7	49624.0
-15°	2378.8	2263.8	2018.7	1900.7	1955.7	2154.3	2669.2	4955.0	10655.3	18137.3	26331.5
-17.5°	2236.9	2157.9	2010.5	1836.2	1761.7	1841.5	2087.5	2793.4	4735.2	9398.1	14507.5
-20°	2140.6	2096.7	1988.6	1835.5	1739.8	1702.9	1788.2	2004.4	2481.3	4268.5	6469.6



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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°	2020.2	2001.9	1928.9	1885.1	1815.0	1735.9	1661.1	1728.1	1886.4	2129.9	2890.6
-25°	1906.1	1910.6	1915.3	1973.0	1961.7	1851.1	1709.2	1607.5	1660.8	1737.1	1891.1
-27.5°	1780.0	1842.7	1939.9	2048.3	2098.7	2005.1	1837.9	1685.5	1640.1	1595.4	1660.5
-30°	1669.2	1796.7	1900.8	2033.3	2120.3	2092.3	2006.1	1903.4	1792.2	1714.8	1689.4
-32.5°	1383.3	1736.8	1833.1	1939.7	2069.4	2110.7	2100.9	2061.4	2013.8	1959.3	1902.8
-35°	1075.1	1467.5	1790.4	1851.7	1936.5	2058.9	2155.2	2161.9	2155.7	2135.7	2120.5
-37.5°	759.2	1132.8	1472.9	1746.0	1847.8	1929.3	2076.8	2189.6	2253.7	2248.6	2250.1
-40°	630.5	733.3	1075.6	1391.2	1625.1	1843.2	1960.9	2108.5	2225.8	2273.5	2309.9
-42.5°	608.3	648.1	689.0	925.8	1226.9	1490.9	1693.8	1881.1	2046.7	2164.8	2258.5
-45°	592.5	619.6	650.6	689.9	732.2	968.0	1230.2	1474.0	1633.4	1792.8	1959.2
-47.5°	591.9	598.6	620.5	648.2	675.2	713.3	757.2	816.6	993.0	1153.1	1322.2
-50°	574.2	601.0	608.4	616.9	634.2	655.1	675.7	697.1	717.2	729.9	747.1
-52.5°	522.1	556.7	589.0	614.3	620.9	627.2	633.2	647.1	660.5	671.7	684.4
-55°	458.9	495.6	531.3	560.4	586.5	611.2	629.6	632.7	636.7	641.6	649.4
-57.5°	390.7	426.3	460.1	490.6	519.2	545.8	565.0	579.3	592.6	605.3	621.7
-60°	320.5	352.0	382.8	412.2	440.5	467.3	485.0	499.5	512.0	524.5	541.5
-62.5°	251.7	275.8	303.7	330.2	354.8	377.8	396.2	411.7	424.6	437.6	453.3
-65°	195.6	213.6	234.3	253.7	271.8	293.1	312.9	329.2	342.2	355.0	369.0
-67.5°	139.7	156.3	175.6	193.6	210.4	226.7	243.3	258.9	273.4	288.0	302.6
-70°	93.3	105.1	119.1	134.4	150.2	164.9	179.1	192.8	205.7	218.7	231.2
-72.5°	57.9	65.2	73.0	83.2	93.8	104.1	114.2	124.3	134.2	145.9	157.5
-75°	33.0	36.0	41.9	47.5	52.9	57.9	62.3	65.9	69.0	75.9	83.4
-77.5°	27.7	29.2	30.7	32.3	33.8	36.0	38.3	40.8	43.2	48.8	54.9
-80°	21.6	22.6	23.6	24.8	25.9	27.6	29.2	30.8	32.3	36.4	40.6
-82.5°	16.0	16.4	16.9	17.3	17.7	18.9	20.2	21.5	22.7	26.0	29.5
-85°	11.6	11.8	12.0	12.1	12.3	13.3	14.5	15.5	16.6	19.9	23.3
-87.5°	9.1	9.1	9.1	9.1	9.1	10.3	11.4	12.4	13.3	16.9	20.5
-90°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	49.7	58.5	49.4	40.3	49.4	58.5	49.7	40.9	32.2	23.4	19.8
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.5
82.5°	1.6	1.3	1.9	2.6	1.9	1.3	1.6	2.0	2.3	2.6	2.9
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0
77.5°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.5	3.7	3.7
75°	4.2	3.9	3.9	3.9	3.9	3.9	4.2	4.5	4.7	5.0	5.1
72.5°	7.9	7.7	7.8	7.8	7.8	7.7	7.9	8.1	8.2	8.3	8.5
70°	11.9	12.8	13.0	13.0	13.0	12.8	11.9	11.2	10.5	10.4	11.1
67.5°	9.7	9.3	9.1	9.1	9.1	9.3	9.7	10.1	10.3	11.0	12.2
65°	8.3	7.9	7.8	7.8	7.8	7.9	8.3	8.8	9.3	10.2	11.6
62.5°	7.4	7.7	7.8	7.8	7.8	7.7	7.4	7.3	7.3	8.1	9.4
60°	7.3	7.7	7.8	7.8	7.8	7.7	7.3	7.0	6.6	6.9	7.5
57.5°	7.3	7.7	7.8	7.8	7.8	7.7	7.3	6.9	6.5	7.0	7.5
55°	7.7	7.8	8.3	9.1	8.3	7.8	7.7	7.6	7.3	7.7	8.2
52.5°	8.9	9.0	9.1	9.1	9.1	9.0	8.9	8.8	8.6	8.8	8.9
50°	10.2	10.3	10.4	10.4	10.4	10.3	10.2	10.0	10.0	10.1	10.2
47.5°	12.5	12.8	12.9	13.0	12.9	12.8	12.5	12.2	11.9	11.8	11.6
45°	15.7	15.6	15.5	15.6	15.5	15.6	15.7	15.5	16.4	16.2	14.1
42.5°	20.9	21.5	21.9	22.1	21.9	21.5	20.9	20.1	22.3	25.7	27.9
40°	33.1	33.5	33.2	32.5	33.2	33.5	33.1	31.5	30.0	28.3	30.4
37.5°	44.9	45.8	46.4	46.8	46.4	45.8	44.9	44.4	44.0	41.3	42.2
35°	63.0	63.8	63.3	65.0	63.3	63.8	63.0	62.4	61.4	58.5	64.8
32.5°	102.7	103.3	100.1	101.4	100.1	103.3	102.7	98.0	90.8	88.2	93.6
30°	157.3	164.5	168.9	174.1	168.9	164.5	157.3	149.1	137.3	126.2	122.4
27.5°	239.4	257.1	268.7	275.5	268.7	257.1	239.4	219.2	191.5	177.6	151.6
25°	373.9	400.8	415.2	426.2	415.2	400.8	373.9	334.5	291.3	260.4	228.8
22.5°	726.3	829.0	886.5	940.8	886.5	829.0	726.3	568.8	454.7	386.7	344.1
20°	1862.4	1982.4	2208.4	2348.2	2208.4	1982.4	1862.4	1301.5	950.7	642.2	520.9
17.5°	6273.8	7998.6	8320.6	8563.8	8320.6	7998.6	6273.8	4124.2	3092.4	1518.5	1006.6
15°	18683.6	23802.5	25180.2	26352.8	25180.2	23802.5	18683.6	11477.6	8005.9	4646.7	2385.8
12.5°	45110.3	59199.0	66861.9	72683.8	66861.9	59199.0	45110.3	32809.7	17938.8	12141.6	6818.1
10°	94512.5	122095.0	143030.1	155154.2	143030.1	122095.0	94512.5	65870.7	42172.5	22966.6	11981.6
7.5°	160951.0	207701.0	235029.0	248939.5	235029.0	207701.0	160951.0	109979.7	67285.3	38181.1	20079.2
5°	242759.3	303108.7	341248.2	362220.0	341248.2	303108.7	242759.3	164180.2	98065.1	55283.6	27902.6
2.5°	303229.5	380652.0	437821.8	464713.3	437821.8	380652.0	303229.5	213797.6	126157.3	70094.8	32884.9
0°	325124.7	406352.8	471706.7	510858.4	471706.7	406352.8	325124.7	227214.8	137826.4	77577.1	36061.5
-2.5°	304223.0	380478.5	431380.3	455067.0	431380.3	380478.5	304223.0	211870.6	126266.3	71252.9	33533.8
-5°	258698.4	324626.8	361205.9	376690.1	361205.9	324626.8	258698.4	179530.8	108014.6	63261.6	30513.4
-7.5°	183541.9	233832.5	259541.9	274793.9	259541.9	233832.5	183541.9	127534.5	79919.1	46047.2	23106.8
-10°	115557.4	143828.7	168421.4	179546.0	168421.4	143828.7	115557.4	81082.9	53947.6	30422.7	15135.3
-12.5°	67109.7	85008.6	99398.2	105510.8	99398.2	85008.6	67109.7	49624.0	30602.7	19459.8	10316.1
-15°	37086.7	46868.0	53493.0	56084.4	53493.0	46868.0	37086.7	26331.5	18137.3	10655.3	4955.0
-17.5°	20623.1	25369.5	27252.5	30272.2	27252.5	25369.5	20623.1	14507.5	9398.1	4735.2	2793.4
-20°	10103.5	12564.5	13353.7	15483.7	13353.7	12564.5	10103.5	6469.6	4268.5	2481.3	2004.4



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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°	3924.5	4505.4	4634.8	5645.1	4634.8	4505.4	3924.5	2890.6	2129.9	1886.4	1728.1
-25°	2038.1	2136.0	2181.5	2300.1	2181.5	2136.0	2038.1	1891.1	1737.1	1660.8	1607.5
-27.5°	1713.3	1760.7	1798.6	1855.7	1798.6	1760.7	1713.3	1660.5	1595.4	1640.1	1685.5
-30°	1669.8	1661.5	1662.6	1668.6	1662.6	1661.5	1669.8	1689.4	1714.8	1792.2	1903.4
-32.5°	1857.8	1829.0	1814.7	1760.8	1814.7	1829.0	1857.8	1902.8	1959.3	2013.8	2061.4
-35°	2111.4	2109.0	2110.8	2085.7	2110.8	2109.0	2111.4	2120.5	2135.7	2155.7	2161.9
-37.5°	2250.8	2254.9	2259.9	2252.1	2259.9	2254.9	2250.8	2250.1	2248.6	2253.7	2189.6
-40°	2322.6	2334.4	2342.6	2340.4	2342.6	2334.4	2322.6	2309.9	2273.5	2225.8	2108.5
-42.5°	2305.3	2334.3	2348.6	2353.4	2348.6	2334.3	2305.3	2258.5	2164.8	2046.7	1881.1
-45°	2111.5	2229.8	2301.1	2320.9	2301.1	2229.8	2111.5	1959.2	1792.8	1633.4	1474.0
-47.5°	1512.5	1687.6	1851.9	1996.1	1851.9	1687.6	1512.5	1322.2	1153.1	993.0	816.6
-50°	768.5	788.3	828.8	887.6	828.8	788.3	768.5	747.1	729.9	717.2	697.1
-52.5°	696.9	708.3	719.6	730.3	719.6	708.3	696.9	684.4	671.7	660.5	647.1
-55°	656.8	663.8	669.0	673.1	669.0	663.8	656.8	649.4	641.6	636.7	632.7
-57.5°	635.7	647.4	657.4	665.4	657.4	647.4	635.7	621.7	605.3	592.6	579.3
-60°	556.4	569.2	581.1	591.3	581.1	569.2	556.4	541.5	524.5	512.0	499.5
-62.5°	466.7	478.0	489.8	500.3	489.8	478.0	466.7	453.3	437.6	424.6	411.7
-65°	381.5	392.4	402.1	410.6	402.1	392.4	381.5	369.0	355.0	342.2	329.2
-67.5°	316.1	328.6	340.9	352.2	340.9	328.6	316.1	302.6	288.0	273.4	258.9
-70°	242.5	252.7	261.5	269.0	261.5	252.7	242.5	231.2	218.7	205.7	192.8
-72.5°	168.2	177.7	188.7	198.8	188.7	177.7	168.2	157.5	145.9	134.2	124.3
-75°	90.7	97.7	104.3	110.5	104.3	97.7	90.7	83.4	75.9	69.0	65.9
-77.5°	61.0	67.0	71.3	75.4	71.3	67.0	61.0	54.9	48.8	43.2	40.8
-80°	44.9	49.1	52.5	55.9	52.5	49.1	44.9	40.6	36.4	32.3	30.8
-82.5°	32.9	36.3	39.0	41.6	39.0	36.3	32.9	29.5	26.0	22.7	21.5
-85°	26.6	29.9	32.5	35.1	32.5	29.9	26.6	23.3	19.9	16.6	15.5
-87.5°	23.9	27.4	29.3	31.2	29.3	27.4	23.9	20.5	16.9	13.3	12.4
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6



REPORT NUMBER: P1306135 (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°
90°	16.2	12.7	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
87.5°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9
85°	2.5	2.6	2.6	2.9	3.3	3.6	3.9	4.1	4.3	4.4	4.4
82.5°	3.1	3.4	3.5	3.6	3.6	3.8	3.9	4.3	4.6	4.9	5.2
80°	3.3	3.6	3.9	4.1	4.2	4.3	4.3	4.5	4.7	4.9	5.2
77.5°	3.7	3.8	4.0	4.5	4.9	5.2	5.4	5.6	5.7	5.8	5.9
75°	5.2	5.2	5.3	5.8	6.2	6.3	6.4	6.3	6.3	6.4	6.5
72.5°	8.6	8.6	8.9	9.6	10.0	10.4	10.3	9.5	8.5	7.3	6.5
70°	11.8	12.3	13.6	15.6	16.8	17.4	17.2	15.9	13.7	11.9	10.1
67.5°	13.3	14.3	16.4	19.2	21.4	23.1	24.9	25.7	24.7	22.3	16.5
65°	13.2	14.9	16.4	18.0	20.4	23.9	30.2	33.4	34.2	32.9	25.6
62.5°	10.9	12.6	13.7	15.0	16.7	20.4	28.8	35.7	40.9	40.7	32.4
60°	8.3	9.2	10.4	11.7	13.1	17.1	24.7	33.8	44.2	41.8	35.8
57.5°	7.7	8.2	9.1	9.8	10.3	13.4	19.3	27.4	37.1	37.2	34.8
55°	8.8	9.3	9.7	10.0	10.5	11.8	14.1	19.1	26.4	28.3	27.9
52.5°	9.1	9.8	10.5	11.3	11.4	11.5	12.2	14.9	17.1	20.0	21.3
50°	10.3	10.5	10.9	11.5	11.8	11.8	11.9	12.7	14.1	15.4	16.3
47.5°	11.7	11.8	11.6	11.8	12.4	12.4	12.2	12.2	13.3	13.9	14.5
45°	14.2	14.1	13.7	14.1	13.9	13.8	13.4	13.9	13.9	14.3	14.3
42.5°	25.7	20.6	17.2	18.8	19.2	18.0	16.2	16.6	16.3	15.7	16.7
40°	35.2	40.0	34.8	28.0	26.2	25.3	23.1	20.7	20.0	18.5	20.7
37.5°	41.8	40.8	50.1	53.9	43.5	35.2	32.3	27.9	24.8	25.6	27.1
35°	64.1	61.8	62.8	67.5	70.7	60.7	47.3	38.4	33.5	34.5	35.0
32.5°	97.8	91.5	91.0	88.7	92.9	92.1	75.8	56.9	49.0	46.5	44.4
30°	124.5	117.9	110.2	123.9	131.4	125.5	109.5	96.8	79.6	61.2	55.4
27.5°	156.4	151.8	139.8	167.1	182.2	172.4	162.0	150.3	119.6	90.2	72.5
25°	217.7	203.0	212.7	231.5	244.2	236.6	224.7	208.4	176.3	133.2	109.0
22.5°	306.5	300.8	301.0	301.0	333.9	324.8	293.1	269.4	263.0	243.4	182.2
20°	474.7	439.0	410.1	453.0	486.3	435.8	372.7	401.2	450.5	404.4	282.0
17.5°	841.1	712.5	645.0	706.6	703.5	610.6	654.9	674.3	674.0	604.7	402.1
15°	1469.3	1206.2	1073.7	1012.9	1009.8	1067.6	1114.3	993.9	931.2	821.5	598.3
12.5°	3046.9	1805.3	1538.6	1405.8	1428.3	1513.4	1583.4	1414.6	1231.8	1136.0	928.4
10°	5440.6	2901.6	2118.3	1896.4	1837.7	1916.3	1953.5	1785.4	1576.6	1482.8	1280.6
7.5°	10356.3	4773.7	2711.5	2349.7	2177.6	2156.5	2170.7	2071.2	1901.1	1817.5	1644.5
5°	14616.7	6072.1	3164.6	2701.4	2464.7	2400.5	2388.7	2305.2	2209.2	2141.8	2007.0
2.5°	15630.6	6275.0	3555.5	3025.5	2727.4	2641.1	2630.3	2497.0	2415.1	2314.0	2166.1
0°	18038.6	7318.9	3690.6	3143.5	2871.9	2845.9	2908.3	2673.1	2574.3	2453.5	2297.5
-2.5°	16113.7	6485.9	3558.2	3078.5	2849.2	2873.6	3007.1	2830.7	2682.7	2501.3	2267.8
-5°	13549.1	5687.2	3327.6	2872.4	2684.7	2757.7	2940.1	2855.4	2704.2	2511.1	2196.6
-7.5°	10378.4	4686.3	3029.9	2632.4	2491.2	2598.7	2773.5	2723.5	2562.9	2397.5	2051.1
-10°	6461.1	3488.2	2619.6	2344.4	2299.1	2463.0	2630.6	2572.4	2423.3	2281.2	1882.0
-12.5°	4509.4	2608.4	2200.7	2046.5	2121.0	2366.4	2506.8	2408.7	2289.6	2165.9	1696.0
-15°	2669.2	2154.3	1955.7	1900.7	2018.7	2263.8	2378.8	2284.2	2192.1	2053.2	1499.2
-17.5°	2087.5	1841.5	1761.7	1836.2	2010.5	2157.9	2236.9	2185.1	2077.3	1865.5	1262.6
-20°	1788.2	1702.9	1739.8	1835.5	1988.6	2096.7	2140.6	2076.3	1938.7	1572.9	1021.6



REPORT NUMBER: P1306135 (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°	1661.1	1735.9	1815.0	1885.1	1928.9	2001.9	2020.2	1947.9	1782.0	1263.8	787.1
-25°	1709.2	1851.1	1961.7	1973.0	1915.3	1910.6	1906.1	1803.7	1470.9	978.4	590.1
-27.5°	1837.9	2005.1	2098.7	2048.3	1939.9	1842.7	1780.0	1625.9	1151.7	753.9	555.0
-30°	2006.1	2092.3	2120.3	2033.3	1900.8	1796.7	1669.2	1276.9	887.9	582.3	529.0
-32.5°	2100.9	2110.7	2069.4	1939.7	1833.1	1736.8	1383.3	957.7	642.1	554.7	515.3
-35°	2155.2	2058.9	1936.5	1851.7	1790.4	1467.5	1075.1	714.4	572.6	530.9	504.6
-37.5°	2076.8	1929.3	1847.8	1746.0	1472.9	1132.8	759.2	602.7	548.7	518.9	501.3
-40°	1960.9	1843.2	1625.1	1391.2	1075.6	733.3	630.5	580.2	542.4	512.4	501.8
-42.5°	1693.8	1490.9	1226.9	925.8	689.0	648.1	608.3	570.1	540.8	520.2	478.9
-45°	1230.2	968.0	732.2	689.9	650.6	619.6	592.5	569.7	550.1	502.2	448.9
-47.5°	757.2	713.3	675.2	648.2	620.5	598.6	591.9	578.1	523.2	470.1	416.6
-50°	675.7	655.1	634.2	616.9	608.4	601.0	574.2	536.1	482.9	429.9	378.8
-52.5°	633.2	627.2	620.9	614.3	589.0	556.7	522.1	481.3	434.1	383.2	333.9
-55°	629.6	611.2	586.5	560.4	531.3	495.6	458.9	420.3	377.5	330.7	288.0
-57.5°	565.0	545.8	519.2	490.6	460.1	426.3	390.7	354.2	318.8	279.5	241.4
-60°	485.0	467.3	440.5	412.2	382.8	352.0	320.5	289.6	259.4	230.5	199.8
-62.5°	396.2	377.8	354.8	330.2	303.7	275.8	251.7	230.5	208.5	184.0	156.1
-65°	312.9	293.1	271.8	253.7	234.3	213.6	195.6	176.8	156.8	135.3	111.3
-67.5°	243.3	226.7	210.4	193.6	175.6	156.3	139.7	122.6	107.7	92.8	75.7
-70°	179.1	164.9	150.2	134.4	119.1	105.1	93.3	81.5	68.5	58.1	49.3
-72.5°	114.2	104.1	93.8	83.2	73.0	65.2	57.9	50.5	43.4	36.4	31.3
-75°	62.3	57.9	52.9	47.5	41.9	36.0	33.0	31.5	29.9	28.1	26.1
-77.5°	38.3	36.0	33.8	32.3	30.7	29.2	27.7	26.2	24.7	23.3	22.1
-80°	29.2	27.6	25.9	24.8	23.6	22.6	21.6	20.7	19.9	19.2	18.5
-82.5°	20.2	18.9	17.7	17.3	16.9	16.4	16.0	15.7	15.4	15.2	14.9
-85°	14.5	13.3	12.3	12.1	12.0	11.8	11.6	11.7	11.8	11.9	12.0
-87.5°	11.4	10.3	9.1	9.1	9.1	9.1	9.1	9.4	9.6	9.8	10.0
-90°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.8	8.5	8.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	4.2	4.6	4.9	5.2	5.5	5.9	6.2	6.5	6.5	6.5	6.5
85°	4.6	4.7	5.0	5.2	5.5	5.9	6.2	6.5	6.5	6.5	6.5
82.5°	5.2	5.2	5.1	5.2	5.6	5.9	6.2	6.5	6.5	6.5	6.5
80°	5.5	5.6	5.6	5.6	5.7	5.9	6.2	6.5	6.5	6.5	6.5
77.5°	5.9	6.0	6.3	6.3	6.2	6.2	6.3	6.5	6.5	6.5	6.5
75°	6.5	6.4	6.4	6.6	6.6	6.5	6.4	6.6	6.6	6.5	6.5
72.5°	6.5	6.5	6.5	6.7	6.8	6.9	6.7	6.6	6.8	6.8	6.6
70°	8.4	6.9	6.5	6.7	7.0	7.3	7.2	7.1	7.0	7.0	6.9
67.5°	11.7	9.7	8.0	7.0	7.1	7.4	7.7	7.7	7.5	7.3	7.2
65°	18.9	13.7	10.2	8.8	7.8	7.5	7.8	8.1	8.0	7.8	7.6
62.5°	24.9	18.3	13.7	10.9	9.1	8.2	7.9	8.3	8.5	8.2	8.0
60°	30.0	22.4	17.2	13.9	10.9	8.9	8.4	8.5	8.8	8.7	8.4
57.5°	29.2	25.0	21.3	17.1	13.5	10.5	9.1	9.0	9.1	9.1	8.8
55°	26.0	23.2	24.0	20.9	16.4	12.6	10.3	9.7	9.5	9.5	9.3
52.5°	20.3	21.9	24.3	23.6	19.7	15.0	12.3	10.3	10.1	9.9	9.8
50°	16.2	19.6	23.9	25.3	22.8	18.1	14.3	11.9	10.6	10.4	10.4
47.5°	15.7	18.7	22.0	26.5	25.4	20.9	16.5	13.5	11.2	10.8	11.1
45°	17.0	19.4	21.3	24.8	27.7	22.9	18.6	15.0	12.5	11.6	11.8
42.5°	19.3	21.3	22.7	23.2	26.4	24.4	20.4	16.6	13.7	12.5	12.6
40°	22.7	24.2	24.9	25.4	25.4	25.6	21.5	17.9	15.0	13.7	13.4
37.5°	26.9	27.9	28.1	29.0	26.2	25.4	22.3	19.0	16.7	15.1	14.3
35°	34.0	32.3	33.4	33.9	30.5	26.0	22.8	19.8	18.5	16.6	15.3
32.5°	42.4	40.2	41.0	39.6	36.0	27.3	23.5	22.0	20.6	18.0	16.3
30°	53.8	54.9	50.2	46.2	42.2	32.4	26.0	24.4	22.8	19.4	17.3
27.5°	75.3	73.0	62.1	54.9	48.4	39.0	31.0	27.2	25.1	21.0	18.5
25°	102.7	94.6	79.6	65.1	55.1	58.6	36.6	30.2	27.4	22.9	19.7
22.5°	139.1	119.6	99.5	76.4	84.1	84.6	47.8	34.9	29.9	24.8	20.9
20°	180.7	147.6	129.2	121.3	118.7	110.5	66.9	39.8	32.5	26.8	22.0
17.5°	234.4	206.2	200.8	176.7	157.0	138.9	89.4	45.1	35.1	28.8	23.0
15°	395.6	302.2	277.2	237.5	197.6	169.4	114.4	50.5	37.9	30.7	23.5
12.5°	605.2	401.3	357.3	302.5	240.0	201.3	141.3	56.0	40.6	31.6	23.1
10°	840.9	502.3	440.0	370.3	283.5	234.1	169.1	61.3	41.9	31.6	22.8
7.5°	1091.8	604.1	524.1	439.3	326.0	264.7	196.7	66.2	43.0	31.4	22.4
5°	1319.4	687.5	590.5	491.8	359.6	291.9	223.3	70.9	44.0	31.0	21.9
2.5°	1418.3	740.1	643.8	539.0	391.9	317.7	247.7	75.4	44.8	30.5	21.4
0°	1490.5	788.8	693.9	582.2	422.3	341.8	269.0	79.3	45.5	29.9	20.8
-2.5°	1421.6	781.0	682.7	580.4	432.3	346.9	270.0	91.6	54.5	35.2	23.0
-5°	1330.9	769.3	668.9	574.8	439.6	349.9	267.5	103.1	63.0	40.3	25.1
-7.5°	1251.5	739.6	648.4	564.7	443.9	350.6	262.1	113.5	70.9	44.9	27.0
-10°	1150.7	698.9	618.9	541.2	437.6	348.6	255.1	122.7	77.9	48.9	28.6
-12.5°	1018.7	657.0	588.9	518.0	428.2	344.6	249.1	131.5	84.2	52.3	29.9
-15°	854.0	614.8	559.2	496.4	417.6	339.2	242.0	139.1	90.6	55.6	30.8
-17.5°	659.0	572.9	530.4	477.4	406.1	332.7	234.4	145.1	95.9	59.2	32.3
-20°	601.1	543.4	503.3	462.2	394.1	325.2	226.8	149.2	100.1	61.8	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°	570.5	524.4	488.8	446.5	382.3	316.9	219.8	151.5	103.1	63.4	34.8
-25°	539.1	506.4	478.1	431.4	370.8	304.1	217.1	151.7	104.7	63.7	34.9
-27.5°	516.1	491.1	469.7	415.4	357.2	293.5	216.4	152.9	105.0	62.8	34.2
-30°	498.2	482.5	453.4	398.7	342.3	278.2	213.1	152.5	103.8	61.6	32.6
-32.5°	489.4	477.3	434.0	380.9	324.4	261.9	203.2	150.3	100.8	59.7	31.6
-35°	489.4	462.4	414.1	361.6	305.1	246.6	190.9	146.3	96.1	56.5	30.6
-37.5°	487.8	440.7	391.9	340.6	285.1	230.1	179.2	135.2	89.6	51.9	28.9
-40°	462.4	416.1	367.8	318.2	265.5	212.5	165.7	122.5	82.8	45.9	26.7
-42.5°	434.9	388.3	340.9	294.5	245.2	195.5	150.3	108.5	72.6	41.5	23.9
-45°	403.1	357.6	311.2	267.9	223.8	176.4	133.3	93.6	61.3	37.5	21.7
-47.5°	368.4	322.7	279.8	239.4	199.7	155.4	115.0	79.9	49.2	32.8	20.9
-50°	327.9	286.0	246.6	209.5	172.0	133.5	96.1	65.3	42.4	26.7	20.0
-52.5°	288.0	247.7	213.2	179.0	144.6	110.1	78.8	50.6	35.1	23.7	18.9
-55°	246.5	210.9	180.1	148.3	116.5	88.4	60.4	42.0	27.5	22.0	17.8
-57.5°	208.2	175.8	146.1	116.7	90.7	66.4	47.0	32.9	24.2	20.3	17.0
-60°	169.5	139.2	111.0	88.4	66.4	48.9	36.3	25.7	22.1	18.6	16.2
-62.5°	128.4	102.4	81.5	61.9	47.8	36.7	26.8	23.4	20.0	17.5	15.2
-65°	91.7	72.1	53.6	44.4	34.6	26.9	24.1	21.0	18.6	16.4	14.3
-67.5°	58.5	48.5	38.9	30.2	26.4	23.9	21.4	19.3	17.3	15.3	13.7
-70°	40.5	32.1	27.6	25.3	23.1	21.0	19.5	17.8	16.0	14.5	13.0
-72.5°	28.7	26.2	23.9	21.8	20.5	19.2	17.8	16.4	15.1	13.7	12.3
-75°	24.0	22.4	21.0	19.7	18.5	17.4	16.4	15.4	14.2	12.9	11.6
-77.5°	20.8	19.6	18.6	17.6	16.6	15.8	15.1	14.4	13.2	11.9	10.8
-80°	17.6	16.8	16.1	15.4	14.8	14.3	13.7	13.0	11.9	10.9	10.0
-82.5°	14.4	14.0	13.6	13.2	12.8	12.3	11.9	11.4	10.6	9.8	9.2
-85°	11.8	11.5	11.2	11.0	10.7	10.4	10.2	10.0	9.5	9.1	8.8
-87.5°	9.9	9.7	9.5	9.3	9.2	9.1	9.0	8.9	8.7	8.5	8.3
-90°	4.2	4.6	4.9	5.2	5.5	5.9	6.2	6.5	6.5	6.5	6.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.8	7.5	7.2	6.8	6.5	6.5	6.5
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	6.5	6.5	6.5	6.5	6.5	6.5	6.5
82.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5
80°	6.5	6.5	6.5	6.5	6.5	6.5	6.5
77.5°	6.5	6.6	6.5	6.5	6.5	6.5	6.5
75°	6.6	6.7	6.5	6.5	6.5	6.5	6.5
72.5°	6.6	6.9	6.8	6.5	6.5	6.5	6.5
70°	6.8	7.1	7.0	6.5	6.5	6.5	6.5
67.5°	7.1	7.3	7.3	6.8	6.5	6.5	6.5
65°	7.5	7.6	7.6	7.1	6.5	6.5	6.5
62.5°	7.9	7.9	7.8	7.3	6.5	6.5	6.5
60°	8.3	8.2	8.1	7.6	6.5	6.5	6.5
57.5°	8.7	8.5	8.4	7.9	6.7	6.5	6.5
55°	9.2	8.8	8.6	8.1	6.8	6.5	6.5
52.5°	9.6	9.2	8.9	8.4	7.0	6.5	6.5
50°	10.1	9.6	9.1	8.7	7.2	6.5	6.5
47.5°	10.7	10.0	9.4	9.0	7.3	6.5	6.5
45°	11.3	10.5	9.6	9.2	7.4	6.5	6.5
42.5°	12.0	10.9	9.9	9.4	7.5	6.5	6.5
40°	12.7	11.4	10.2	9.4	7.6	6.5	6.5
37.5°	13.4	11.9	10.5	9.5	7.7	6.5	6.5
35°	14.2	12.4	10.9	9.5	7.8	6.5	6.5
32.5°	15.0	13.0	11.2	9.5	7.9	6.5	6.5
30°	15.8	13.6	11.6	9.6	7.9	6.5	6.5
27.5°	16.6	14.2	11.7	9.6	8.0	6.5	6.5
25°	17.5	14.9	11.7	9.6	8.0	6.5	6.5
22.5°	18.3	15.3	11.7	9.6	8.0	6.5	6.5
20°	19.2	15.2	11.7	9.5	8.0	6.5	6.5
17.5°	19.3	15.1	11.6	9.5	8.0	6.5	6.5
15°	19.0	15.0	11.5	9.5	8.0	6.5	6.5
12.5°	18.5	14.7	11.4	9.4	8.0	6.5	6.5
10°	18.1	14.5	11.2	9.4	8.0	6.5	6.5
7.5°	17.5	14.2	11.0	9.3	7.9	6.5	6.5
5°	16.9	13.8	10.8	9.3	7.9	6.5	6.5
2.5°	16.3	13.4	10.6	9.2	7.9	6.5	6.5
0°	15.6	13.0	10.4	9.1	7.8	6.5	6.5
-2.5°	16.3	13.1	10.5	9.1	7.8	6.5	6.5
-5°	16.9	13.2	10.6	9.1	7.8	6.6	6.5
-7.5°	17.5	13.3	10.7	9.1	7.8	6.6	6.5
-10°	17.9	13.4	10.7	9.0	7.8	6.6	6.5
-12.5°	18.3	13.4	10.8	9.0	7.8	6.6	6.5
-15°	18.5	13.4	10.8	9.0	7.7	6.7	6.5
-17.5°	18.6	13.4	10.8	8.9	7.7	6.7	6.5
-20°	18.9	13.3	10.8	8.9	7.7	6.7	6.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.4	13.3	10.7	8.8	7.7	6.7	6.5
-25°	19.6	13.4	10.6	8.7	7.7	6.7	6.5
-27.5°	19.5	13.5	10.5	8.7	7.6	6.8	6.5
-30°	19.0	13.6	10.3	8.6	7.6	6.8	6.5
-32.5°	18.1	13.5	10.3	8.5	7.6	6.8	6.5
-35°	17.8	13.5	10.2	8.4	7.6	6.8	6.5
-37.5°	17.6	13.3	10.1	8.3	7.6	6.8	6.5
-40°	17.4	13.2	10.0	8.2	7.6	6.8	6.5
-42.5°	17.0	13.0	9.9	8.1	7.6	6.8	6.5
-45°	16.5	12.8	9.9	8.1	7.6	6.8	6.5
-47.5°	15.9	12.5	9.9	8.0	7.6	6.8	6.5
-50°	15.4	12.1	9.8	8.1	7.6	6.8	6.5
-52.5°	14.9	11.8	9.7	8.1	7.6	6.8	6.5
-55°	14.4	11.6	9.5	8.2	7.6	6.8	6.5
-57.5°	13.8	11.3	9.4	8.2	7.6	6.8	6.5
-60°	13.2	11.1	9.2	8.2	7.6	6.8	6.5
-62.5°	12.8	10.8	9.2	8.2	7.6	6.8	6.5
-65°	12.4	10.5	9.1	8.2	7.5	6.7	6.5
-67.5°	11.9	10.2	8.9	8.1	7.4	6.7	6.5
-70°	11.4	9.9	8.8	8.1	7.3	6.7	6.5
-72.5°	10.9	9.6	8.6	8.0	7.2	6.7	6.5
-75°	10.4	9.2	8.4	7.8	7.1	6.7	6.5
-77.5°	9.8	8.9	8.2	7.6	7.0	6.6	6.5
-80°	9.1	8.6	8.0	7.5	6.9	6.6	6.5
-82.5°	8.8	8.3	7.8	7.3	6.8	6.6	6.5
-85°	8.5	8.0	7.6	7.2	6.7	6.6	6.5
-87.5°	8.1	7.8	7.4	7.0	6.6	6.5	6.5
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)