

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: P1306386 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306386 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-70-4S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

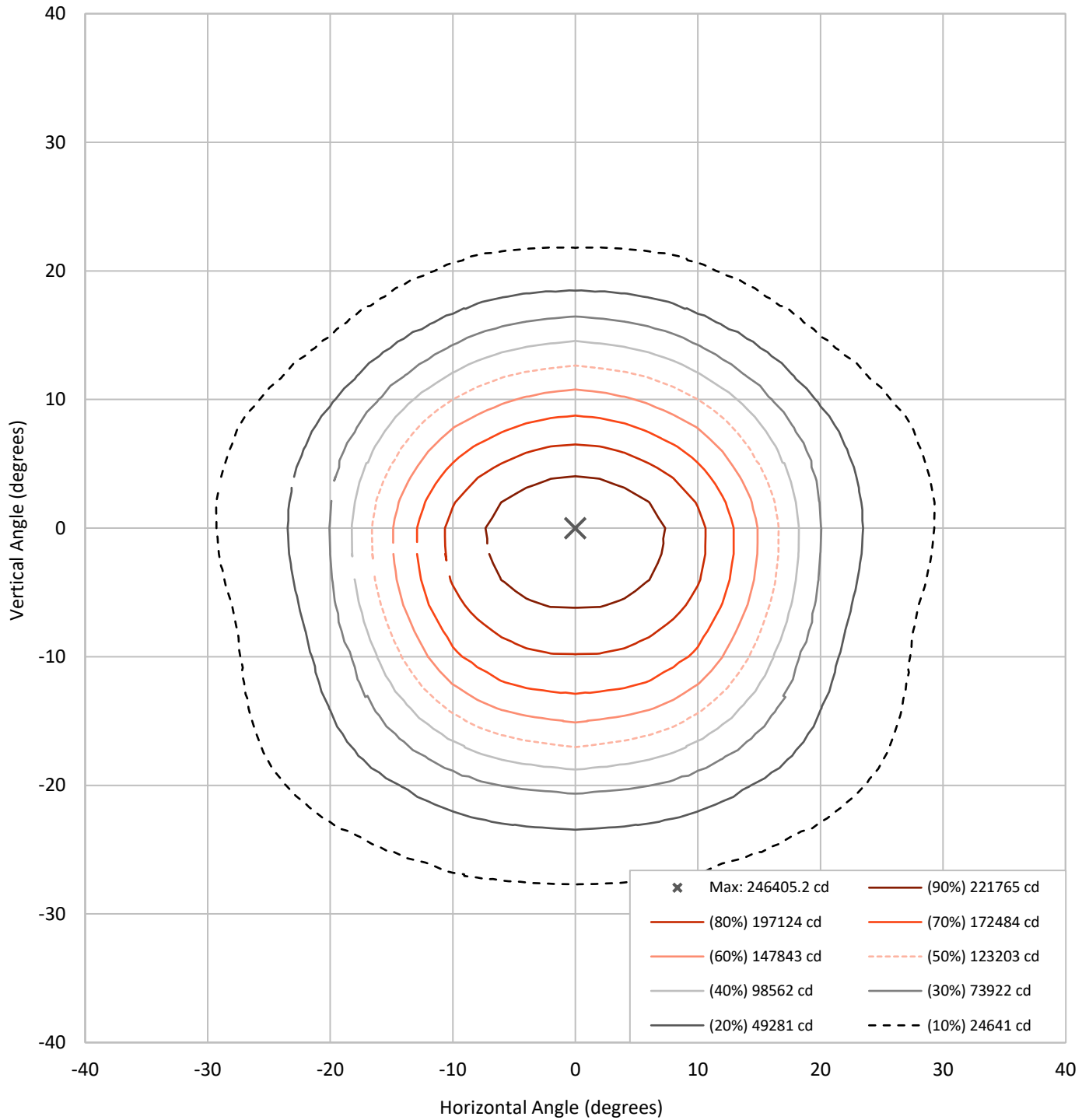
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	78860.8 lumens	Max Intensity:	246405.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	43273.5 lumens	Field Lumens:	69333.5 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%

Input Watts (W): 688
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





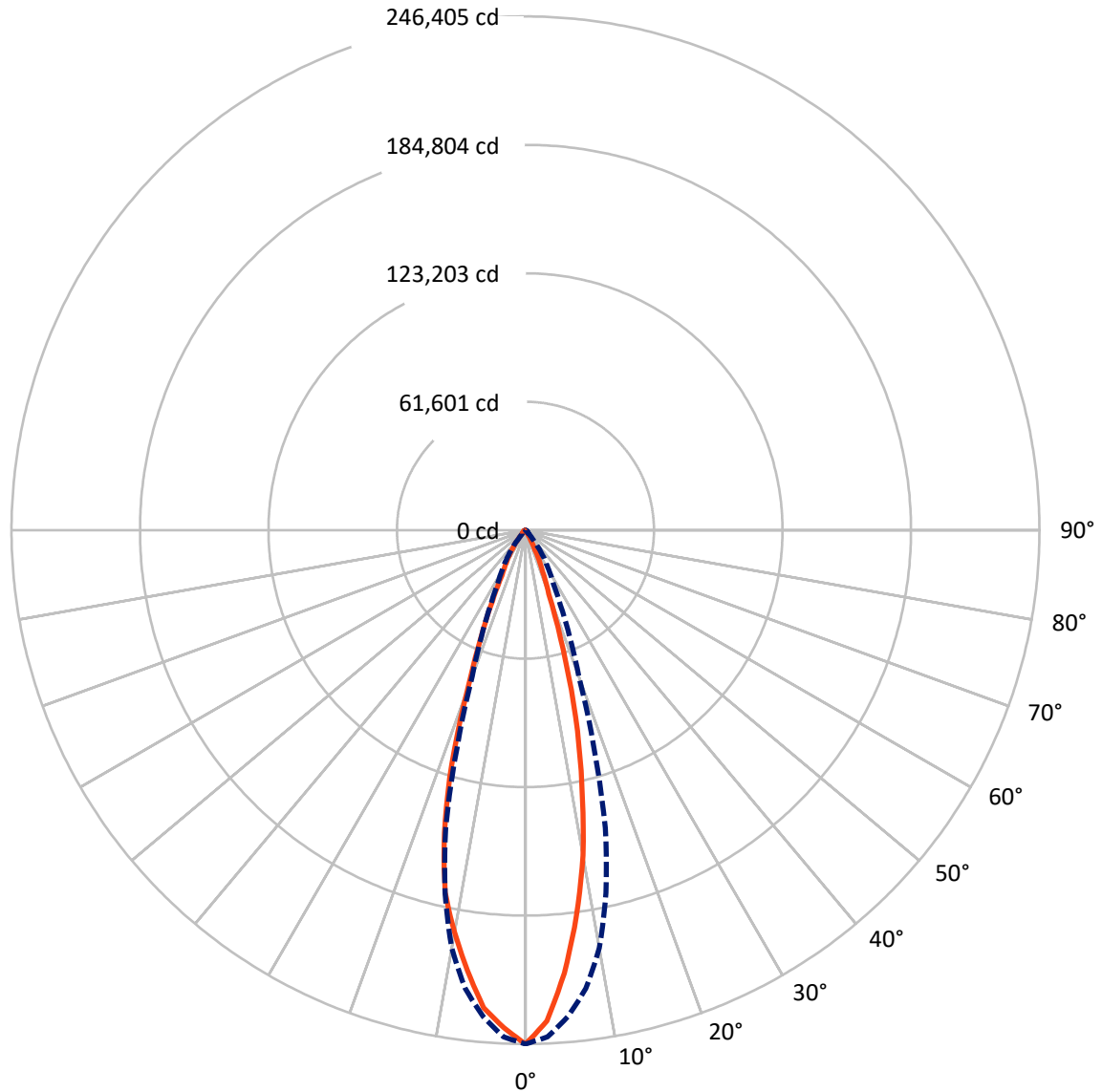
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Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.4	0.4	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.9	0.8	0.4	0.3	0.4	0.4	0.3	0.4	0.8	0.9	0.3	0.1				
50	0.2	0.2	0.4	0.7	0.7	0.9	1.3	1.5	1.5	1.3	0.9	0.7	0.7	0.4	0.2	0.2			
40		0.2	0.9	1.9	3.3	7.4	14.9	20.5	20.5	14.9	7.4	3.3	1.9	0.9	0.2				
30	0.3	0.4	2.9	7.8	28.9	105.1	249.1	421.3	421.3	249.1	105.1	28.9	7.8	2.9	0.4	0.3			
20		1.0	6.5	20.8	127.7	442.1	1356.4	2562.8	2562.8	1356.4	442.1	127.7	20.8	6.5	1.0				
10	0.3	1.8	11.0	39.2	297.4	1059.1	3513.3	5936.2	5936.2	3513.3	1059.1	297.4	39.2	11.0	1.8	0.3			
0		3.0	14.7	46.5	309.9	1092.2	3943.2	6517.3	6517.3	3943.2	1092.2	309.9	46.5	14.7	3.0				
-10	0.5	3.5	14.9	40.0	241.8	805.2	2355.0	4114.2	4114.2	2355.0	805.2	241.8	40.0	14.9	3.5	0.5			
-20		3.2	12.9	27.5	104.5	382.1	795.4	1190.4	1190.4	795.4	382.1	104.5	27.5	12.9	3.2				
-30	0.4	2.5	9.8	19.1	35.9	103.2	234.3	331.0	331.0	234.3	103.2	35.9	19.1	9.8	2.5	0.4			
-40		1.6	6.6	14.4	23.6	35.9	52.5	68.8	68.8	52.5	35.9	23.6	14.4	6.6	1.6				
-50	0.3	0.8	3.5	9.5	17.5	25.2	32.4	36.6	36.6	32.4	25.2	17.5	9.5	3.5	0.8	0.3			
-60		0.3	1.3	3.9	8.4	14.6	20.9	24.6	24.6	20.9	14.6	8.4	3.9	1.3	0.3				
-70	0.2	0.9		3.1		8.3		11.7		8.3		3.1		0.9		0.2			
-80		0.9		3.1		8.3		11.7		8.3		3.1		0.9					
-90	0.2	0.9		3.1		8.3		11.7		8.3		3.1		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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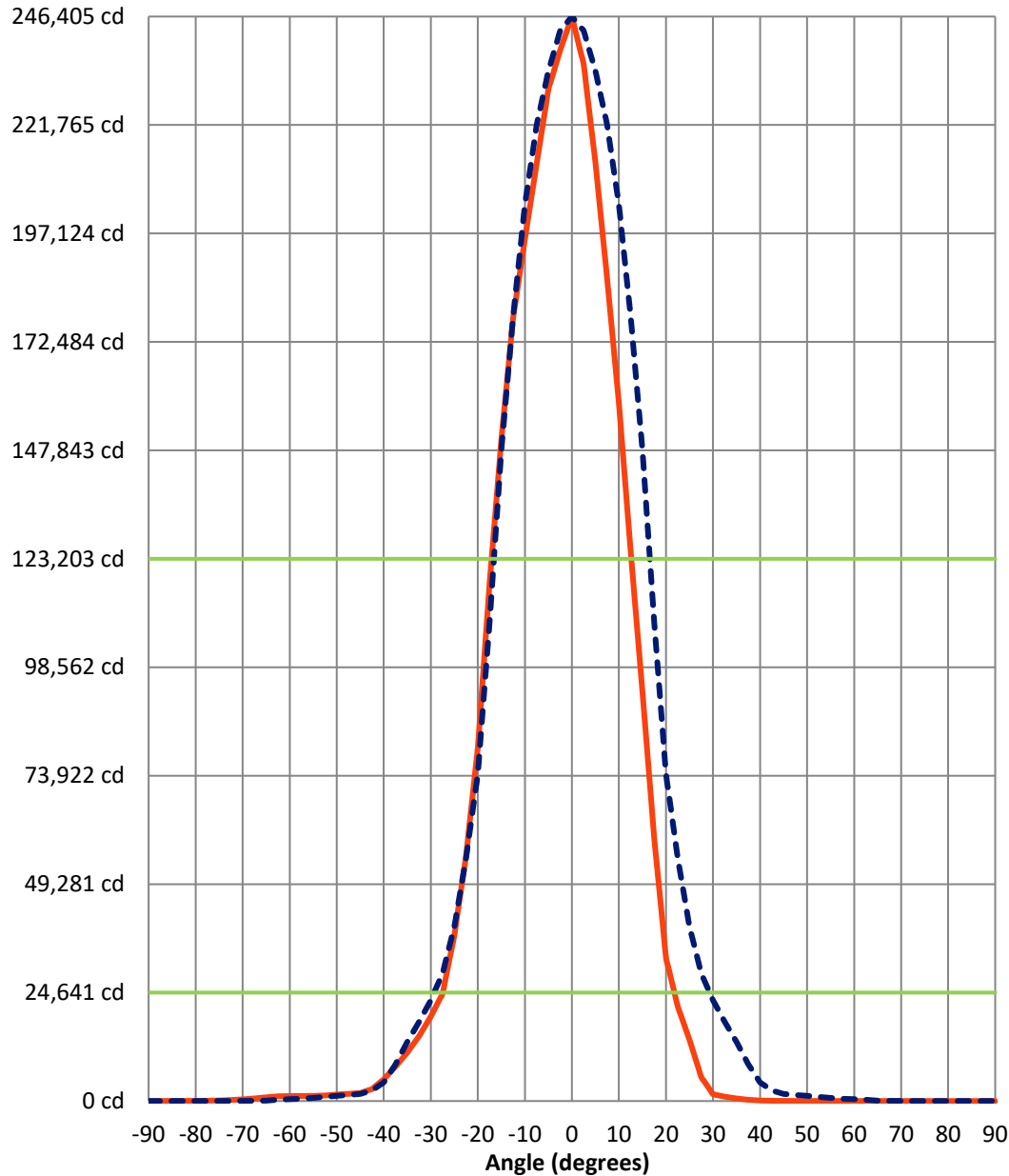
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 43273.5
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 69333.5
 Efficiency: 87.9%

Spill:
 Lumens: 9527.3
 Efficiency: 12.1%

— 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°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
85°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
82.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.7
80°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.1	9.0	8.8
77.5°	8.7	8.7	8.7	8.7	8.7	8.9	9.3	9.6	9.5	9.3	8.8
75°	8.7	8.7	8.7	8.7	8.8	9.3	9.9	10.1	9.9	9.4	8.9
72.5°	8.7	8.7	8.7	8.7	9.1	9.8	10.4	10.5	10.0	9.5	8.9
70°	8.7	8.7	8.7	8.8	9.5	10.2	10.9	10.6	10.0	9.5	9.6
67.5°	8.7	8.7	8.7	9.0	9.9	10.7	10.9	10.6	10.1	10.1	10.4
65°	8.7	8.7	8.7	9.3	10.2	10.9	10.9	10.7	10.4	10.6	10.9
62.5°	8.7	8.7	8.7	9.5	10.5	10.9	10.9	10.8	10.7	10.9	10.9
60°	8.7	8.7	8.7	9.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9
57.5°	8.7	8.7	8.9	10.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9
55°	8.7	8.7	9.0	10.3	10.9	10.9	10.9	10.9	10.9	10.9	10.9
52.5°	8.7	8.7	9.2	10.5	10.9	10.9	10.9	10.9	10.9	10.9	10.9
50°	8.7	8.7	9.3	10.7	10.9	10.9	10.9	10.9	10.9	10.9	11.9
47.5°	8.7	8.7	9.5	10.9	10.9	10.9	10.9	10.9	10.9	10.9	12.8
45°	8.7	8.7	9.6	10.9	10.9	10.9	10.9	10.9	11.0	11.6	13.6
42.5°	8.7	8.7	9.7	10.9	10.9	10.9	10.9	11.0	11.1	12.1	14.1
40°	8.7	8.7	9.9	10.9	10.9	10.9	10.9	11.1	11.4	12.6	14.6
37.5°	8.7	8.7	10.0	10.9	10.9	10.9	10.9	11.4	12.1	13.3	15.0
35°	8.7	8.7	10.1	10.9	10.9	10.9	10.9	11.6	12.7	14.0	15.4
32.5°	8.7	8.7	10.2	10.9	10.9	10.9	11.0	11.9	13.2	14.7	16.5
30°	8.7	8.7	10.3	10.9	10.9	10.9	11.2	12.3	13.8	15.4	17.9
27.5°	8.7	8.7	10.4	10.9	10.9	10.9	11.4	12.7	14.3	16.0	19.6
25°	8.7	8.7	10.5	10.9	10.9	10.9	11.7	13.2	14.9	17.1	21.7
22.5°	8.7	8.7	10.6	10.9	10.9	10.9	11.9	13.6	15.4	18.6	26.2
20°	8.7	8.7	10.6	10.9	10.9	11.1	12.2	14.0	15.8	20.2	30.8
17.5°	8.7	8.7	10.7	10.9	10.9	11.3	12.5	14.4	16.3	22.0	35.5
15°	8.7	8.7	10.7	10.9	10.9	11.5	12.7	14.8	16.7	23.8	40.1
12.5°	8.7	8.7	10.8	10.9	10.9	11.7	12.8	15.2	17.9	25.7	44.7
10°	8.7	8.7	10.8	10.9	10.9	12.0	12.9	15.7	19.8	29.9	51.0
7.5°	8.7	8.7	10.9	10.9	10.9	12.2	13.0	16.2	21.9	34.5	61.3
5°	8.7	8.7	10.9	10.9	10.9	12.5	13.0	16.6	24.0	39.1	71.7
2.5°	8.7	8.7	10.9	10.9	10.9	12.8	13.0	17.0	26.2	43.6	81.8
0°	8.7	8.7	10.9	10.9	10.9	13.0	13.0	17.4	28.2	47.8	91.3
-2.5°	8.7	8.7	10.9	10.9	10.9	13.0	14.2	20.8	36.4	63.3	118.1
-5°	8.7	8.7	10.9	10.9	10.9	13.0	15.3	24.0	44.2	78.1	143.4
-7.5°	8.7	8.7	10.9	10.9	10.9	12.9	16.3	27.0	51.4	91.8	166.4
-10°	8.7	8.7	10.8	10.9	10.9	12.8	17.2	29.6	57.7	104.0	186.7
-12.5°	8.7	8.7	10.8	10.9	10.9	12.7	17.9	31.9	63.0	114.3	200.0
-15°	8.7	8.7	10.7	10.9	10.9	12.6	18.5	33.6	67.4	122.3	208.8
-17.5°	8.7	8.7	10.7	10.9	10.9	12.5	18.7	35.4	71.0	128.1	214.6
-20°	8.7	8.7	10.6	10.9	10.9	12.4	19.2	37.2	73.1	131.8	217.4



REPORT NUMBER: P1306386 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-70-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.7	8.7	10.6	10.9	10.9	12.2	19.9	38.4	73.5	132.9	216.9
-25°	8.7	8.7	10.5	10.9	10.9	12.4	20.3	38.8	72.3	131.5	212.9
-27.5°	8.7	8.7	10.4	10.9	10.9	12.6	20.2	38.5	69.2	128.4	210.7
-30°	8.7	8.7	10.3	10.9	10.9	12.6	19.6	37.3	67.2	124.7	205.2
-32.5°	8.7	8.7	10.2	10.9	11.0	12.5	18.5	36.5	65.7	118.4	196.0
-35°	8.7	8.7	10.1	10.9	11.1	12.3	18.0	35.2	63.2	109.5	183.0
-37.5°	8.7	8.7	10.0	10.9	11.2	12.0	17.7	33.1	59.4	97.9	163.0
-40°	8.7	8.7	9.9	10.9	11.2	12.1	17.1	30.3	54.6	90.2	143.5
-42.5°	8.7	8.7	9.7	10.9	11.3	12.2	16.3	26.6	49.9	81.7	123.0
-45°	8.7	8.7	9.6	11.0	11.3	12.2	15.2	23.6	44.8	72.1	103.0
-47.5°	8.7	8.7	9.5	11.0	11.4	12.1	13.8	21.9	38.7	61.9	91.6
-50°	8.7	8.7	9.3	10.9	11.5	12.1	13.5	19.8	31.2	53.3	79.3
-52.5°	8.7	8.7	9.2	10.7	11.5	12.0	13.3	17.4	26.5	43.9	66.6
-55°	8.7	8.7	9.0	10.5	11.6	12.0	13.1	14.9	22.9	33.9	55.1
-57.5°	8.7	8.7	8.9	10.3	11.6	12.1	12.9	14.5	19.0	27.9	42.9
-60°	8.7	8.7	8.7	10.1	11.7	12.1	12.6	14.1	15.6	22.9	32.2
-62.5°	8.7	8.7	8.7	9.9	11.4	12.2	12.7	13.6	15.0	17.5	25.8
-65°	8.7	8.7	8.7	9.7	11.1	12.2	12.7	13.2	14.4	15.8	19.0
-67.5°	8.7	8.7	8.7	9.4	10.8	12.1	12.8	13.2	13.8	15.1	16.4
-70°	8.7	8.7	8.7	9.2	10.5	11.7	12.8	13.1	13.6	14.4	15.6
-72.5°	8.7	8.7	8.7	9.1	10.1	11.3	12.4	13.0	13.3	13.9	14.8
-75°	8.7	8.7	8.7	9.1	9.8	10.9	11.9	12.5	13.0	13.4	14.0
-77.5°	8.7	8.7	8.7	9.0	9.6	10.4	11.4	11.9	12.4	12.8	13.2
-80°	8.7	8.7	8.7	9.0	9.4	10.1	10.9	11.3	11.7	12.0	12.3
-82.5°	8.7	8.7	8.7	8.9	9.3	9.8	10.4	10.7	10.9	11.2	11.5
-85°	8.7	8.7	8.7	8.8	9.1	9.4	9.8	10.0	10.2	10.4	10.6
-87.5°	8.7	8.7	8.7	8.8	8.9	9.1	9.3	9.4	9.5	9.5	9.6
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7



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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°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.2	7.6	7.1
87.5°	8.2	7.6	7.1	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9
85°	8.2	7.6	7.2	6.8	6.9	6.8	6.7	6.5	6.2	6.0	5.8
82.5°	8.4	8.2	8.1	8.1	7.9	7.6	7.1	6.6	6.5	6.5	6.5
80°	8.6	8.7	8.7	8.7	8.2	7.7	7.1	6.6	6.5	6.6	6.6
77.5°	8.7	8.7	8.7	8.7	8.3	7.9	7.7	7.7	7.7	7.5	7.2
75°	8.7	8.7	8.8	8.8	8.6	8.6	8.7	8.7	8.4	7.8	7.3
72.5°	9.1	9.3	9.3	9.0	8.7	8.7	8.7	8.7	8.9	9.1	8.9
70°	9.9	10.0	9.6	9.1	8.7	9.0	10.2	11.3	12.0	12.1	12.5
67.5°	10.7	10.2	9.7	9.4	10.4	11.7	13.0	14.7	16.6	17.2	18.1
65°	10.8	10.3	10.3	11.2	12.8	14.5	16.5	18.7	23.4	26.3	27.6
62.5°	10.9	10.7	11.4	13.0	15.2	17.3	20.7	26.0	33.0	38.0	38.2
60°	10.9	11.1	12.7	15.1	17.4	20.3	25.4	33.4	44.0	52.0	47.5
57.5°	10.9	12.1	14.7	17.0	19.4	22.6	30.4	40.7	51.6	63.2	54.0
55°	11.5	13.8	16.3	18.5	21.4	25.6	33.6	43.4	55.5	58.8	48.3
52.5°	12.9	15.3	17.2	19.8	23.6	27.6	33.2	41.8	45.6	46.5	40.2
50°	14.1	16.0	18.1	21.1	25.0	28.3	30.0	35.1	36.6	34.8	31.3
47.5°	14.9	16.7	18.6	22.0	25.9	28.7	28.8	29.0	28.5	28.0	23.1
45°	15.5	17.4	19.3	23.0	27.1	29.6	28.2	24.2	27.5	26.6	25.4
42.5°	16.1	18.0	21.2	24.2	29.5	31.1	28.9	29.9	30.8	32.1	32.6
40°	16.6	18.6	23.8	29.6	32.7	33.4	37.0	39.7	38.5	42.2	44.3
37.5°	17.1	21.6	28.8	39.6	36.1	40.9	47.6	58.5	58.9	55.5	63.8
35°	17.5	24.9	41.0	52.6	49.8	52.7	70.6	84.8	89.1	84.4	89.7
32.5°	19.6	28.7	56.3	68.4	75.4	78.9	99.3	120.7	136.9	140.0	126.9
30°	23.6	42.7	73.9	87.5	107.7	127.3	141.4	167.3	200.5	226.4	237.0
27.5°	28.8	59.7	92.2	116.9	147.7	181.0	205.4	237.7	291.8	338.2	376.4
25°	34.4	82.9	112.7	152.9	198.6	241.7	279.3	333.2	404.8	481.8	615.7
22.5°	46.8	109.3	143.6	192.5	252.9	306.9	369.4	446.1	537.8	643.4	891.9
20°	67.0	135.4	180.8	236.8	311.3	375.2	463.4	561.3	686.3	911.8	1333.5
17.5°	88.6	163.3	218.9	289.1	381.5	462.4	561.2	675.8	841.3	1202.1	2032.6
15°	110.9	192.7	255.2	344.5	458.4	573.7	693.1	817.8	1054.7	1612.9	2922.9
12.5°	133.6	222.9	289.7	401.8	539.7	689.9	832.2	990.9	1333.6	2318.8	4241.8
10°	155.9	253.3	322.3	459.7	623.7	808.7	970.3	1157.1	1623.4	2958.3	5421.1
7.5°	192.5	292.9	357.1	516.7	708.2	927.5	1105.8	1315.4	1906.6	3515.7	6507.4
5°	231.2	341.5	412.7	586.4	791.6	1033.3	1228.2	1464.7	2174.7	3984.6	7526.3
2.5°	268.2	388.2	467.0	653.4	869.7	1115.6	1305.9	1548.3	2318.0	4203.8	8155.6
0°	302.0	432.4	519.3	714.9	940.9	1188.6	1375.5	1621.0	2405.5	4246.0	8357.3
-2.5°	343.0	480.9	573.5	763.8	979.8	1231.4	1419.6	1676.3	2496.0	4483.5	8393.7
-5°	378.2	525.8	625.0	807.3	1012.5	1264.9	1456.5	1719.4	2538.2	4591.6	8217.3
-7.5°	406.7	566.9	673.8	841.8	1029.4	1271.6	1470.0	1726.5	2508.7	4535.9	7856.1
-10°	423.9	584.2	685.6	841.2	1023.9	1257.5	1470.1	1720.3	2424.0	4305.0	7349.0
-12.5°	411.4	579.5	687.8	834.8	1013.4	1233.7	1459.7	1700.5	2279.7	3878.6	6755.6
-15°	396.0	571.7	686.3	822.6	998.5	1200.3	1438.0	1667.0	2054.8	3217.6	6022.7
-17.5°	378.4	561.0	681.1	804.5	979.5	1157.3	1393.8	1579.5	1822.1	2741.5	5177.7
-20°	359.3	547.6	671.9	780.5	956.2	1095.3	1289.9	1481.1	1702.4	2331.3	4041.3



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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°	339.3	531.6	656.6	764.9	897.0	1023.9	1180.5	1367.9	1570.7	1821.7	2832.4
-25°	327.6	501.5	634.5	728.7	832.9	951.1	1068.3	1241.3	1433.3	1635.3	2167.3
-27.5°	321.5	472.5	598.5	692.5	771.2	878.3	977.9	1116.0	1294.0	1466.7	1635.3
-30°	311.1	431.4	561.7	655.0	726.4	810.8	896.6	1008.6	1166.6	1318.3	1458.1
-32.5°	288.7	389.6	516.5	613.2	686.7	748.2	833.1	933.1	1054.6	1186.4	1298.9
-35°	261.1	356.7	467.9	571.6	647.7	705.9	782.3	866.4	955.6	1069.8	1204.4
-37.5°	235.6	320.9	419.4	525.0	602.8	673.7	732.4	808.0	885.1	969.7	1104.3
-40°	208.1	282.3	375.5	472.6	562.7	636.2	697.1	753.7	821.1	905.7	995.6
-42.5°	179.5	249.9	330.6	421.3	511.7	591.0	660.1	712.4	769.9	842.7	922.8
-45°	155.7	215.6	284.6	370.5	455.8	539.2	609.7	675.6	730.7	784.3	853.5
-47.5°	131.1	181.9	245.5	318.6	399.7	477.9	554.4	627.1	697.2	747.3	789.6
-50°	108.5	154.0	205.8	272.9	343.7	417.0	488.5	573.6	647.9	711.1	760.4
-52.5°	94.1	125.2	172.8	227.9	291.5	357.4	428.1	506.4	586.9	662.0	719.6
-55°	78.9	105.6	139.2	186.9	240.9	300.7	366.8	438.7	511.9	587.3	661.1
-57.5°	64.2	88.0	113.6	146.8	193.6	244.8	305.4	369.1	436.5	505.0	573.2
-60°	49.4	70.3	93.4	117.6	146.2	192.2	242.4	298.4	358.4	419.9	481.4
-62.5°	35.2	52.4	72.7	94.6	117.3	142.2	182.7	229.4	277.7	328.8	382.4
-65°	27.3	36.3	51.3	70.6	91.3	113.1	137.2	163.5	203.8	243.3	281.0
-67.5°	19.2	27.5	35.6	45.5	63.2	82.0	102.2	124.0	147.4	170.5	197.5
-70°	17.1	19.4	25.8	33.1	40.1	49.2	65.7	83.3	101.4	119.0	138.2
-72.5°	16.0	17.8	20.1	22.9	28.7	34.5	40.0	45.5	56.2	70.5	84.7
-75°	14.9	16.0	17.6	19.7	22.0	24.4	27.3	32.0	36.5	40.8	45.2
-77.5°	13.8	14.5	15.5	16.6	18.0	19.8	21.8	23.9	25.7	27.4	29.2
-80°	12.7	13.0	13.5	14.2	15.1	16.0	17.1	18.3	19.2	20.2	21.3
-82.5°	11.7	11.9	12.2	12.4	12.5	12.8	13.1	13.8	14.4	14.9	15.5
-85°	10.7	10.9	11.1	11.2	10.9	10.7	10.6	10.5	10.7	11.0	11.2
-87.5°	9.7	9.8	9.9	10.0	9.7	9.4	9.1	8.7	8.6	8.4	8.4
-90°	8.2	7.6	7.1	6.5	6.5	6.5	6.5	6.5	6.0	5.4	4.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.5	6.5	6.5	6.5	6.5	7.6	8.7	9.8	10.9	12.0	13.1
87.5°	4.3	4.3	4.3	4.3	4.3	3.8	3.3	2.7	2.2	2.2	2.2
85°	5.7	5.4	5.1	4.7	4.3	4.2	4.2	4.2	4.2	3.7	3.2
82.5°	6.5	6.0	5.4	4.9	4.3	4.3	4.3	4.3	4.3	3.8	3.3
80°	6.5	6.0	5.5	4.9	4.4	4.3	4.3	4.3	4.3	3.8	3.3
77.5°	6.6	6.2	5.8	5.6	5.5	5.4	5.1	4.8	4.4	3.8	3.3
75°	6.7	6.6	6.7	6.7	6.6	6.1	5.5	5.0	4.4	4.2	4.2
72.5°	8.5	8.2	8.1	8.3	8.2	8.0	7.6	7.0	6.2	6.1	6.3
70°	12.7	13.0	13.1	12.9	12.2	11.1	10.3	9.4	8.5	8.3	8.4
67.5°	19.3	19.5	18.9	17.5	15.2	13.3	12.4	11.6	10.7	10.4	10.6
65°	27.7	25.6	23.4	20.9	18.1	15.0	14.1	13.3	12.7	12.7	13.4
62.5°	35.8	29.1	23.4	19.9	17.2	15.0	14.0	13.0	12.1	11.7	12.1
60°	39.4	27.9	20.3	18.0	15.7	13.4	12.1	11.1	10.2	9.5	9.9
57.5°	39.5	27.4	18.8	16.0	13.6	11.6	10.5	9.9	9.3	8.8	9.4
55°	35.2	24.3	15.9	13.7	12.4	11.4	10.8	10.6	10.4	10.1	10.5
52.5°	28.3	20.3	14.8	12.8	12.9	12.9	12.8	12.9	13.1	13.5	14.1
50°	22.5	17.3	15.7	14.8	15.3	15.4	15.1	15.9	17.1	17.7	18.3
47.5°	20.6	18.9	19.0	18.6	19.4	20.9	21.1	21.8	23.5	24.5	25.3
45°	22.9	24.5	25.6	27.4	28.4	30.9	31.8	31.8	35.3	37.8	39.1
42.5°	32.0	34.8	38.2	41.6	43.3	46.5	49.8	51.6	57.0	61.3	62.9
40°	48.3	49.9	57.1	61.5	64.7	68.7	78.8	85.5	95.9	115.4	129.6
37.5°	71.0	76.2	80.5	86.7	100.4	107.1	139.3	168.4	188.4	237.0	264.4
35°	104.0	118.3	113.4	141.2	175.6	218.8	265.8	335.9	391.4	457.0	517.7
32.5°	163.1	198.0	231.7	264.0	341.4	465.4	468.7	599.8	687.6	794.0	887.6
30°	258.0	381.5	536.8	588.2	805.8	1049.1	981.6	1182.7	1382.0	1500.5	1909.9
27.5°	509.2	787.3	1095.9	1488.0	1893.6	2311.8	2588.7	2685.7	3694.0	4435.5	5400.6
25°	871.2	1359.2	2221.2	2856.2	3568.4	4497.2	5033.8	5756.0	7438.0	9533.9	11161.9
22.5°	1388.4	2241.2	3380.0	4340.9	5408.4	6660.1	7792.2	9523.8	12139.3	15000.3	17434.1
20°	1968.1	3067.5	4510.5	5950.1	7349.4	8980.7	10950.4	14486.5	18527.7	23012.3	27066.6
17.5°	3037.5	4118.6	5966.5	7934.7	9922.7	11887.6	16219.2	21456.0	27782.3	34427.4	40329.5
15°	4565.7	6315.4	8148.4	10750.7	14059.8	17835.8	23321.6	32506.5	42331.9	52702.7	65066.1
12.5°	6560.0	9096.7	11846.2	14859.3	19345.9	26238.9	35339.1	46550.2	60613.9	76172.7	93765.5
10°	8595.1	12253.6	16040.1	20343.3	26256.7	35135.3	46887.4	60925.0	83042.1	104841.5	123202.7
7.5°	10249.8	14513.4	19290.7	25007.1	32714.5	43532.7	58055.7	78343.3	104719.2	130656.5	151197.5
5°	11802.3	16485.9	21459.3	27299.8	36591.8	49637.5	67127.6	92439.1	123993.4	151578.3	173588.9
2.5°	12928.4	17848.2	22993.4	28936.2	39529.9	53348.6	72550.6	103947.9	140266.9	168529.2	193766.8
0°	13426.9	17979.2	22901.1	28998.4	39626.5	55241.5	74431.1	108807.7	147799.7	178183.4	203534.5
-2.5°	12808.8	17228.4	22307.5	28264.2	38918.0	53918.4	73740.7	108260.4	147386.5	178200.4	203194.3
-5°	12154.9	16344.8	21059.7	26565.8	36280.6	50228.3	70452.5	103434.8	140980.6	171959.2	196340.5
-7.5°	11457.8	15292.6	19510.8	24450.9	33069.5	46491.3	65270.7	93107.9	128203.0	159744.7	182675.3
-10°	10660.8	14151.8	18587.8	23823.6	31326.5	42993.7	58524.1	80825.1	113696.3	143001.7	168178.2
-12.5°	10192.9	13916.5	18349.2	23158.5	29210.7	39492.5	53623.1	72646.2	95147.5	122369.2	144771.1
-15°	9591.5	13360.6	17756.7	22268.7	27870.9	35898.6	47055.3	61027.8	78149.2	96493.4	116377.4
-17.5°	8602.8	12369.7	15909.8	20144.5	25465.5	31808.0	39825.5	50669.1	62029.2	75026.9	86923.2
-20°	6974.4	10017.3	13365.1	17355.1	21929.2	26735.6	32089.6	39478.1	46684.2	55783.8	63088.9



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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°	5017.7	7589.8	10490.3	13787.8	17410.1	21525.0	25558.3	29457.3	34396.0	40155.9	46025.5
-25°	3267.9	5170.7	7682.4	10385.0	12914.9	16203.3	19101.0	21429.6	24759.9	27366.2	30923.2
-27.5°	2262.9	3499.7	5370.7	7524.0	9519.5	11624.4	13983.4	15573.1	18167.4	19577.3	21757.7
-30°	1655.8	2350.0	3695.6	5306.1	7044.6	8836.3	10520.4	12268.3	14072.9	15668.7	16878.8
-32.5°	1468.4	1741.0	2404.7	3563.8	4924.1	6426.5	7852.6	9376.4	10814.0	12051.0	13049.3
-35°	1341.1	1494.0	1702.5	2315.4	3127.2	4300.2	5422.1	6655.5	7810.2	8766.5	9568.0
-37.5°	1240.3	1362.8	1494.0	1628.5	2084.2	2597.5	3395.0	4252.3	4993.3	5839.8	6493.7
-40°	1125.9	1256.6	1361.7	1469.1	1589.9	1718.7	2150.4	2534.2	2952.9	3524.4	3991.3
-42.5°	1007.8	1121.7	1239.9	1339.9	1431.0	1527.3	1624.3	1710.3	1922.9	2174.9	2366.1
-45°	926.1	1006.6	1093.3	1199.2	1297.3	1380.8	1459.2	1534.4	1611.6	1682.9	1742.0
-47.5°	854.1	919.2	990.6	1063.4	1137.1	1222.9	1303.4	1379.8	1446.7	1507.5	1556.4
-50°	801.6	846.5	906.0	963.4	1026.5	1086.3	1139.7	1202.4	1270.9	1333.2	1382.9
-52.5°	775.0	814.3	848.4	889.6	946.6	996.7	1040.7	1090.3	1137.9	1181.5	1213.5
-55°	722.7	774.2	824.0	870.3	909.6	945.4	983.5	1032.2	1074.0	1110.0	1129.8
-57.5°	640.7	706.9	769.6	828.3	883.6	935.6	978.8	1017.4	1056.2	1092.9	1109.9
-60°	543.9	607.1	672.5	743.3	814.6	885.6	938.0	987.8	1034.8	1074.2	1095.2
-62.5°	439.9	497.5	556.0	619.7	687.5	754.0	811.0	870.5	931.5	984.1	1017.6
-65°	321.6	370.7	423.2	475.4	526.9	580.1	631.0	681.0	729.7	769.1	796.5
-67.5°	230.5	262.2	294.7	328.2	368.1	409.1	446.7	483.2	518.0	545.8	566.3
-70°	158.5	178.9	198.1	219.4	244.9	269.9	293.1	315.1	335.7	353.2	367.8
-72.5°	98.6	112.0	125.2	140.2	154.8	168.7	181.8	194.1	205.5	215.9	225.2
-75°	49.5	55.8	66.3	76.3	85.7	95.5	104.6	112.5	119.4	125.2	130.1
-77.5°	32.1	36.0	40.0	43.6	46.9	51.5	56.5	61.6	66.7	70.8	74.6
-80°	22.5	24.7	27.0	29.4	31.8	34.7	37.6	40.5	43.3	45.2	46.8
-82.5°	16.0	17.2	18.6	20.0	21.4	23.4	25.5	27.5	29.4	30.8	32.2
-85°	11.4	12.0	12.6	13.3	14.0	15.8	17.6	19.4	21.2	22.4	23.7
-87.5°	8.3	8.4	8.4	8.5	8.5	10.1	11.7	13.4	15.0	15.7	16.2
-90°	4.3	4.3	4.3	4.3	4.3	3.8	3.3	2.7	2.2	2.2	2.2



REPORT NUMBER: P1306386 (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°	14.1	15.2	15.2	15.2	15.2	15.2	14.1	13.1	12.0	10.9	9.8
87.5°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.7
85°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.7	4.2	4.2
82.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.3
80°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.3	4.3
77.5°	2.8	2.2	2.2	2.2	2.2	2.2	2.8	3.3	3.8	4.4	4.8
75°	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.4	5.0
72.5°	6.4	6.4	6.5	6.5	6.5	6.4	6.4	6.3	6.1	6.2	7.0
70°	8.5	8.6	7.7	6.5	7.7	8.6	8.5	8.4	8.3	8.5	9.4
67.5°	10.7	10.8	11.8	13.0	11.8	10.8	10.7	10.6	10.4	10.7	11.6
65°	14.2	14.9	14.2	13.0	14.2	14.9	14.2	13.4	12.7	12.7	13.3
62.5°	12.5	13.0	12.1	10.9	12.1	13.0	12.5	12.1	11.7	12.1	13.0
60°	10.3	10.8	10.9	10.9	10.9	10.8	10.3	9.9	9.5	10.2	11.1
57.5°	10.0	10.7	10.9	10.9	10.9	10.7	10.0	9.4	8.8	9.3	9.9
55°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.5	10.1	10.4	10.6
52.5°	14.6	14.9	15.1	15.2	15.1	14.9	14.6	14.1	13.5	13.1	12.9
50°	18.9	19.3	19.5	19.6	19.5	19.3	18.9	18.3	17.7	17.1	15.9
47.5°	25.8	25.9	26.0	26.1	26.0	25.9	25.8	25.3	24.5	23.5	21.8
45°	39.7	39.2	38.8	39.1	38.8	39.2	39.7	39.1	37.8	35.3	31.8
42.5°	64.6	64.7	64.6	65.2	64.6	64.7	64.6	62.9	61.3	57.0	51.6
40°	133.5	128.8	121.9	121.7	121.9	128.8	133.5	129.6	115.4	95.9	85.5
37.5°	278.0	282.8	282.2	286.8	282.2	282.8	278.0	264.4	237.0	188.4	168.4
35°	563.7	589.0	594.7	593.2	594.7	589.0	563.7	517.7	457.0	391.4	335.9
32.5°	928.4	962.0	971.4	984.4	971.4	962.0	928.4	887.6	794.0	687.6	599.8
30°	1632.3	1677.5	1634.5	1547.2	1634.5	1677.5	1632.3	1909.9	1500.5	1382.0	1182.7
27.5°	5914.5	6131.4	5643.3	5465.0	5643.3	6131.4	5914.5	5400.6	4435.5	3694.0	2685.7
25°	12053.7	13013.1	13996.4	13909.3	13996.4	13013.1	12053.7	11161.9	9533.9	7438.0	5756.0
22.5°	19453.2	20425.3	21235.6	21514.7	21235.6	20425.3	19453.2	17434.1	15000.3	12139.3	9523.8
20°	30812.2	32705.6	34061.3	32616.5	34061.3	32705.6	30812.2	27066.6	23012.3	18527.7	14486.5
17.5°	49251.4	54953.0	57914.9	59785.2	57914.9	54953.0	49251.4	40329.5	34427.4	27782.3	21456.0
15°	76454.3	85052.8	89816.5	92971.0	89816.5	85052.8	76454.3	65066.1	52702.7	42331.9	32506.5
12.5°	107826.0	117200.9	121411.3	124847.6	121411.3	117200.9	107826.0	93765.5	76172.7	60613.9	46550.2
10°	137649.0	147777.3	154789.8	158434.2	154789.8	147777.3	137649.0	123202.7	104841.5	83042.1	60925.0
7.5°	164974.1	177363.9	184479.8	186745.0	184479.8	177363.9	164974.1	151197.5	130656.5	104719.2	78343.3
5°	191701.6	202756.1	211313.8	213254.2	211313.8	202756.1	191701.6	173588.9	151578.3	123993.4	92439.1
2.5°	212280.7	225529.2	233212.3	235534.9	233212.3	225529.2	212280.7	193766.8	168529.2	140266.9	103947.9
0°	221711.4	234045.3	243142.5	246405.2	243142.5	234045.3	221711.4	203534.5	178183.4	147799.7	108807.7
-2.5°	219738.9	231105.3	237617.0	238739.0	237617.0	231105.3	219738.9	203194.3	178200.4	147386.5	108260.4
-5°	212801.3	223244.6	229676.2	229860.1	229676.2	223244.6	212801.3	196340.5	171959.2	140980.6	103434.8
-7.5°	197562.5	207328.2	211812.0	212938.1	211812.0	207328.2	197562.5	182675.3	159744.7	128203.0	93107.9
-10°	182052.2	191112.3	195349.4	195818.2	195349.4	191112.3	182052.2	168178.2	143001.7	113696.3	80825.1
-12.5°	161961.5	171655.8	175886.3	177875.9	175886.3	171655.8	161961.5	144771.1	122369.2	95147.5	72646.2
-15°	132064.2	141438.5	146514.0	150261.7	146514.0	141438.5	132064.2	116377.4	96493.4	78149.2	61027.8
-17.5°	100029.6	108064.6	113066.2	117619.1	113066.2	108064.6	100029.6	86923.2	75026.9	62029.2	50669.1
-20°	71216.8	76333.9	77905.5	80359.0	77905.5	76333.9	71216.8	63088.9	55783.8	46684.2	39478.1



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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°	50019.2	52928.6	54771.5	55813.0	54771.5	52928.6	50019.2	46025.5	40155.9	34396.0	29457.3
-25°	33909.5	35927.3	36712.0	37616.5	36712.0	35927.3	33909.5	30923.2	27366.2	24759.9	21429.6
-27.5°	22714.0	23542.5	24108.5	24415.6	24108.5	23542.5	22714.0	21757.7	19577.3	18167.4	15573.1
-30°	17852.8	18610.5	19064.9	19209.2	19064.9	18610.5	17852.8	16878.8	15668.7	14072.9	12268.3
-32.5°	13822.1	14394.8	14701.0	14741.5	14701.0	14394.8	13822.1	13049.3	12051.0	10814.0	9376.4
-35°	10239.8	10761.5	11050.3	11030.1	11050.3	10761.5	10239.8	9568.0	8766.5	7810.2	6655.5
-37.5°	7056.1	7498.3	7769.7	7840.1	7769.7	7498.3	7056.1	6493.7	5839.8	4993.3	4252.3
-40°	4414.2	4739.0	4932.9	4958.7	4932.9	4739.0	4414.2	3991.3	3524.4	2952.9	2534.2
-42.5°	2533.9	2665.5	2739.4	2735.8	2739.4	2665.5	2533.9	2366.1	2174.9	1922.9	1710.3
-45°	1780.8	1810.3	1827.0	1829.7	1827.0	1810.3	1780.8	1742.0	1682.9	1611.6	1534.4
-47.5°	1591.7	1619.6	1634.5	1636.3	1634.5	1619.6	1591.7	1556.4	1507.5	1446.7	1379.8
-50°	1422.8	1455.8	1473.8	1477.6	1473.8	1455.8	1422.8	1382.9	1333.2	1270.9	1202.4
-52.5°	1239.4	1261.3	1268.6	1264.7	1268.6	1261.3	1239.4	1213.5	1181.5	1137.9	1090.3
-55°	1148.3	1166.1	1173.8	1175.6	1173.8	1166.1	1148.3	1129.8	1110.0	1074.0	1032.2
-57.5°	1126.3	1142.2	1147.2	1147.3	1147.2	1142.2	1126.3	1109.9	1092.9	1056.2	1017.4
-60°	1115.8	1135.7	1139.5	1136.5	1139.5	1135.7	1115.8	1095.2	1074.2	1034.8	987.8
-62.5°	1047.4	1072.9	1081.0	1080.0	1081.0	1072.9	1047.4	1017.6	984.1	931.5	870.5
-65°	819.7	838.4	848.1	851.8	848.1	838.4	819.7	796.5	769.1	729.7	681.0
-67.5°	583.1	596.0	600.2	599.7	600.2	596.0	583.1	566.3	545.8	518.0	483.2
-70°	380.2	390.2	391.3	389.0	391.3	390.2	380.2	367.8	353.2	335.7	315.1
-72.5°	233.3	240.2	239.6	236.9	239.6	240.2	233.3	225.2	215.9	205.5	194.1
-75°	134.3	137.7	136.7	134.7	136.7	137.7	134.3	130.1	125.2	119.4	112.5
-77.5°	78.3	81.8	82.4	82.6	82.4	81.8	78.3	74.6	70.8	66.7	61.6
-80°	48.3	49.7	49.9	50.0	49.9	49.7	48.3	46.8	45.2	43.3	40.5
-82.5°	33.4	34.7	34.8	34.8	34.8	34.7	33.4	32.2	30.8	29.4	27.5
-85°	24.8	26.0	26.1	26.1	26.1	26.0	24.8	23.7	22.4	21.2	19.4
-87.5°	16.8	17.4	17.4	17.4	17.4	17.4	16.8	16.2	15.7	15.0	13.4
-90°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.7	7.6	6.5	6.5	6.5	6.5	6.5	7.1	7.6	8.2	8.7
87.5°	3.3	3.8	4.3	4.3	4.3	4.3	4.3	4.9	5.4	6.0	6.5
85°	4.2	4.2	4.3	4.7	5.1	5.4	5.7	5.8	6.0	6.2	6.5
82.5°	4.3	4.3	4.3	4.9	5.4	6.0	6.5	6.5	6.5	6.5	6.6
80°	4.3	4.3	4.4	4.9	5.5	6.0	6.5	6.6	6.6	6.5	6.6
77.5°	5.1	5.4	5.5	5.6	5.8	6.2	6.6	7.2	7.5	7.7	7.7
75°	5.5	6.1	6.6	6.7	6.7	6.6	6.7	7.3	7.8	8.4	8.7
72.5°	7.6	8.0	8.2	8.3	8.1	8.2	8.5	8.9	9.1	8.9	8.7
70°	10.3	11.1	12.2	12.9	13.1	13.0	12.7	12.5	12.1	12.0	11.3
67.5°	12.4	13.3	15.2	17.5	18.9	19.5	19.3	18.1	17.2	16.6	14.7
65°	14.1	15.0	18.1	20.9	23.4	25.6	27.7	27.6	26.3	23.4	18.7
62.5°	14.0	15.0	17.2	19.9	23.4	29.1	35.8	38.2	38.0	33.0	26.0
60°	12.1	13.4	15.7	18.0	20.3	27.9	39.4	47.5	52.0	44.0	33.4
57.5°	10.5	11.6	13.6	16.0	18.8	27.4	39.5	54.0	63.2	51.6	40.7
55°	10.8	11.4	12.4	13.7	15.9	24.3	35.2	48.3	58.8	55.5	43.4
52.5°	12.8	12.9	12.9	12.8	14.8	20.3	28.3	40.2	46.5	45.6	41.8
50°	15.1	15.4	15.3	14.8	15.7	17.3	22.5	31.3	34.8	36.6	35.1
47.5°	21.1	20.9	19.4	18.6	19.0	18.9	20.6	23.1	28.0	28.5	29.0
45°	31.8	30.9	28.4	27.4	25.6	24.5	22.9	25.4	26.6	27.5	24.2
42.5°	49.8	46.5	43.3	41.6	38.2	34.8	32.0	32.6	32.1	30.8	29.9
40°	78.8	68.7	64.7	61.5	57.1	49.9	48.3	44.3	42.2	38.5	39.7
37.5°	139.3	107.1	100.4	86.7	80.5	76.2	71.0	63.8	55.5	58.9	58.5
35°	265.8	218.8	175.6	141.2	113.4	118.3	104.0	89.7	84.4	89.1	84.8
32.5°	468.7	465.4	341.4	264.0	231.7	198.0	163.1	126.9	140.0	136.9	120.7
30°	981.6	1049.1	805.8	588.2	536.8	381.5	258.0	237.0	226.4	200.5	167.3
27.5°	2588.7	2311.8	1893.6	1488.0	1095.9	787.3	509.2	376.4	338.2	291.8	237.7
25°	5033.8	4497.2	3568.4	2856.2	2221.2	1359.2	871.2	615.7	481.8	404.8	333.2
22.5°	7792.2	6660.1	5408.4	4340.9	3380.0	2241.2	1388.4	891.9	643.4	537.8	446.1
20°	10950.4	8980.7	7349.4	5950.1	4510.5	3067.5	1968.1	1333.5	911.8	686.3	561.3
17.5°	16219.2	11887.6	9922.7	7934.7	5966.5	4118.6	3037.5	2032.6	1202.1	841.3	675.8
15°	23321.6	17835.8	14059.8	10750.7	8148.4	6315.4	4565.7	2922.9	1612.9	1054.7	817.8
12.5°	35339.1	26238.9	19345.9	14859.3	11846.2	9096.7	6560.0	4241.8	2318.8	1333.6	990.9
10°	46887.4	35135.3	26256.7	20343.3	16040.1	12253.6	8595.1	5421.1	2958.3	1623.4	1157.1
7.5°	58055.7	43532.7	32714.5	25007.1	19290.7	14513.4	10249.8	6507.4	3515.7	1906.6	1315.4
5°	67127.6	49637.5	36591.8	27299.8	21459.3	16485.9	11802.3	7526.3	3984.6	2174.7	1464.7
2.5°	72550.6	53348.6	39529.9	28936.2	22993.4	17848.2	12928.4	8155.6	4203.8	2318.0	1548.3
0°	74431.1	55241.5	39626.5	28998.4	22901.1	17979.2	13426.9	8357.3	4246.0	2405.5	1621.0
-2.5°	73740.7	53918.4	38918.0	28264.2	22307.5	17228.4	12808.8	8393.7	4483.5	2496.0	1676.3
-5°	70452.5	50228.3	36280.6	26565.8	21059.7	16344.8	12154.9	8217.3	4591.6	2538.2	1719.4
-7.5°	65270.7	46491.3	33069.5	24450.9	19510.8	15292.6	11457.8	7856.1	4535.9	2508.7	1726.5
-10°	58524.1	42993.7	31326.5	23823.6	18587.8	14151.8	10660.8	7349.0	4305.0	2424.0	1720.3
-12.5°	53623.1	39492.5	29210.7	23158.5	18349.2	13916.5	10192.9	6755.6	3878.6	2279.7	1700.5
-15°	47055.3	35898.6	27870.9	22268.7	17756.7	13360.6	9591.5	6022.7	3217.6	2054.8	1667.0
-17.5°	39825.5	31808.0	25465.5	20144.5	15909.8	12369.7	8602.8	5177.7	2741.5	1822.1	1579.5
-20°	32089.6	26735.6	21929.2	17355.1	13365.1	10017.3	6974.4	4041.3	2331.3	1702.4	1481.1



REPORT NUMBER: P1306386 (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°	25558.3	21525.0	17410.1	13787.8	10490.3	7589.8	5017.7	2832.4	1821.7	1570.7	1367.9
-25°	19101.0	16203.3	12914.9	10385.0	7682.4	5170.7	3267.9	2167.3	1635.3	1433.3	1241.3
-27.5°	13983.4	11624.4	9519.5	7524.0	5370.7	3499.7	2262.9	1635.3	1466.7	1294.0	1116.0
-30°	10520.4	8836.3	7044.6	5306.1	3695.6	2350.0	1655.8	1458.1	1318.3	1166.6	1008.6
-32.5°	7852.6	6426.5	4924.1	3563.8	2404.7	1741.0	1468.4	1298.9	1186.4	1054.6	933.1
-35°	5422.1	4300.2	3127.2	2315.4	1702.5	1494.0	1341.1	1204.4	1069.8	955.6	866.4
-37.5°	3395.0	2597.5	2084.2	1628.5	1494.0	1362.8	1240.3	1104.3	969.7	885.1	808.0
-40°	2150.4	1718.7	1589.9	1469.1	1361.7	1256.6	1125.9	995.6	905.7	821.1	753.7
-42.5°	1624.3	1527.3	1431.0	1339.9	1239.9	1121.7	1007.8	922.8	842.7	769.9	712.4
-45°	1459.2	1380.8	1297.3	1199.2	1093.3	1006.6	926.1	853.5	784.3	730.7	675.6
-47.5°	1303.4	1222.9	1137.1	1063.4	990.6	919.2	854.1	789.6	747.3	697.2	627.1
-50°	1139.7	1086.3	1026.5	963.4	906.0	846.5	801.6	760.4	711.1	647.9	573.6
-52.5°	1040.7	996.7	946.6	889.6	848.4	814.3	775.0	719.6	662.0	586.9	506.4
-55°	983.5	945.4	909.6	870.3	824.0	774.2	722.7	661.1	587.3	511.9	438.7
-57.5°	978.8	935.6	883.6	828.3	769.6	706.9	640.7	573.2	505.0	436.5	369.1
-60°	938.0	885.6	814.6	743.3	672.5	607.1	543.9	481.4	419.9	358.4	298.4
-62.5°	811.0	754.0	687.5	619.7	556.0	497.5	439.9	382.4	328.8	277.7	229.4
-65°	631.0	580.1	526.9	475.4	423.2	370.7	321.6	281.0	243.3	203.8	163.5
-67.5°	446.7	409.1	368.1	328.2	294.7	262.2	230.5	197.5	170.5	147.4	124.0
-70°	293.1	269.9	244.9	219.4	198.1	178.9	158.5	138.2	119.0	101.4	83.3
-72.5°	181.8	168.7	154.8	140.2	125.2	112.0	98.6	84.7	70.5	56.2	45.5
-75°	104.6	95.5	85.7	76.3	66.3	55.8	49.5	45.2	40.8	36.5	32.0
-77.5°	56.5	51.5	46.9	43.6	40.0	36.0	32.1	29.2	27.4	25.7	23.9
-80°	37.6	34.7	31.8	29.4	27.0	24.7	22.5	21.3	20.2	19.2	18.3
-82.5°	25.5	23.4	21.4	20.0	18.6	17.2	16.0	15.5	14.9	14.4	13.8
-85°	17.6	15.8	14.0	13.3	12.6	12.0	11.4	11.2	11.0	10.7	10.5
-87.5°	11.7	10.1	8.5	8.5	8.4	8.4	8.3	8.4	8.4	8.6	8.7
-90°	3.3	3.8	4.3	4.3	4.3	4.3	4.3	4.9	5.4	6.0	6.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	6.5	6.5	6.5	6.5	7.1	7.6	8.2	8.7	8.7	8.7	8.7
85°	6.7	6.8	6.9	6.8	7.2	7.6	8.2	8.7	8.7	8.7	8.7
82.5°	7.1	7.6	7.9	8.1	8.1	8.2	8.4	8.7	8.8	8.7	8.7
80°	7.1	7.7	8.2	8.7	8.7	8.7	8.6	8.8	9.0	9.1	9.0
77.5°	7.7	7.9	8.3	8.7	8.7	8.7	8.7	8.8	9.3	9.5	9.6
75°	8.7	8.6	8.6	8.8	8.8	8.7	8.7	8.9	9.4	9.9	10.1
72.5°	8.7	8.7	8.7	9.0	9.3	9.3	9.1	8.9	9.5	10.0	10.5
70°	10.2	9.0	8.7	9.1	9.6	10.0	9.9	9.6	9.5	10.0	10.6
67.5°	13.0	11.7	10.4	9.4	9.7	10.2	10.7	10.4	10.1	10.1	10.6
65°	16.5	14.5	12.8	11.2	10.3	10.3	10.8	10.9	10.6	10.4	10.7
62.5°	20.7	17.3	15.2	13.0	11.4	10.7	10.9	10.9	10.9	10.7	10.8
60°	25.4	20.3	17.4	15.1	12.7	11.1	10.9	10.9	10.9	10.9	10.9
57.5°	30.4	22.6	19.4	17.0	14.7	12.1	10.9	10.9	10.9	10.9	10.9
55°	33.6	25.6	21.4	18.5	16.3	13.8	11.5	10.9	10.9	10.9	10.9
52.5°	33.2	27.6	23.6	19.8	17.2	15.3	12.9	10.9	10.9	10.9	10.9
50°	30.0	28.3	25.0	21.1	18.1	16.0	14.1	11.9	10.9	10.9	10.9
47.5°	28.8	28.7	25.9	22.0	18.6	16.7	14.9	12.8	10.9	10.9	10.9
45°	28.2	29.6	27.1	23.0	19.3	17.4	15.5	13.6	11.6	11.0	10.9
42.5°	28.9	31.1	29.5	24.2	21.2	18.0	16.1	14.1	12.1	11.1	11.0
40°	37.0	33.4	32.7	29.6	23.8	18.6	16.6	14.6	12.6	11.4	11.1
37.5°	47.6	40.9	36.1	39.6	28.8	21.6	17.1	15.0	13.3	12.1	11.4
35°	70.6	52.7	49.8	52.6	41.0	24.9	17.5	15.4	14.0	12.7	11.6
32.5°	99.3	78.9	75.4	68.4	56.3	28.7	19.6	16.5	14.7	13.2	11.9
30°	141.4	127.3	107.7	87.5	73.9	42.7	23.6	17.9	15.4	13.8	12.3
27.5°	205.4	181.0	147.7	116.9	92.2	59.7	28.8	19.6	16.0	14.3	12.7
25°	279.3	241.7	198.6	152.9	112.7	82.9	34.4	21.7	17.1	14.9	13.2
22.5°	369.4	306.9	252.9	192.5	143.6	109.3	46.8	26.2	18.6	15.4	13.6
20°	463.4	375.2	311.3	236.8	180.8	135.4	67.0	30.8	20.2	15.8	14.0
17.5°	561.2	462.4	381.5	289.1	218.9	163.3	88.6	35.5	22.0	16.3	14.4
15°	693.1	573.7	458.4	344.5	255.2	192.7	110.9	40.1	23.8	16.7	14.8
12.5°	832.2	689.9	539.7	401.8	289.7	222.9	133.6	44.7	25.7	17.9	15.2
10°	970.3	808.7	623.7	459.7	322.3	253.3	155.9	51.0	29.9	19.8	15.7
7.5°	1105.8	927.5	708.2	516.7	357.1	292.9	192.5	61.3	34.5	21.9	16.2
5°	1228.2	1033.3	791.6	586.4	412.7	341.5	231.2	71.7	39.1	24.0	16.6
2.5°	1305.9	1115.6	869.7	653.4	467.0	388.2	268.2	81.8	43.6	26.2	17.0
0°	1375.5	1188.6	940.9	714.9	519.3	432.4	302.0	91.3	47.8	28.2	17.4
-2.5°	1419.6	1231.4	979.8	763.8	573.5	480.9	343.0	118.1	63.3	36.4	20.8
-5°	1456.5	1264.9	1012.5	807.3	625.0	525.8	378.2	143.4	78.1	44.2	24.0
-7.5°	1470.0	1271.6	1029.4	841.8	673.8	566.9	406.7	166.4	91.8	51.4	27.0
-10°	1470.1	1257.5	1023.9	841.2	685.6	584.2	423.9	186.7	104.0	57.7	29.6
-12.5°	1459.7	1233.7	1013.4	834.8	687.8	579.5	411.4	200.0	114.3	63.0	31.9
-15°	1438.0	1200.3	998.5	822.6	686.3	571.7	396.0	208.8	122.3	67.4	33.6
-17.5°	1393.8	1157.3	979.5	804.5	681.1	561.0	378.4	214.6	128.1	71.0	35.4
-20°	1289.9	1095.3	956.2	780.5	671.9	547.6	359.3	217.4	131.8	73.1	37.2



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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°	1180.5	1023.9	897.0	764.9	656.6	531.6	339.3	216.9	132.9	73.5	38.4
-25°	1068.3	951.1	832.9	728.7	634.5	501.5	327.6	212.9	131.5	72.3	38.8
-27.5°	977.9	878.3	771.2	692.5	598.5	472.5	321.5	210.7	128.4	69.2	38.5
-30°	896.6	810.8	726.4	655.0	561.7	431.4	311.1	205.2	124.7	67.2	37.3
-32.5°	833.1	748.2	686.7	613.2	516.5	389.6	288.7	196.0	118.4	65.7	36.5
-35°	782.3	705.9	647.7	571.6	467.9	356.7	261.1	183.0	109.5	63.2	35.2
-37.5°	732.4	673.7	602.8	525.0	419.4	320.9	235.6	163.0	97.9	59.4	33.1
-40°	697.1	636.2	562.7	472.6	375.5	282.3	208.1	143.5	90.2	54.6	30.3
-42.5°	660.1	591.0	511.7	421.3	330.6	249.9	179.5	123.0	81.7	49.9	26.6
-45°	609.7	539.2	455.8	370.5	284.6	215.6	155.7	103.0	72.1	44.8	23.6
-47.5°	554.4	477.9	399.7	318.6	245.5	181.9	131.1	91.6	61.9	38.7	21.9
-50°	488.5	417.0	343.7	272.9	205.8	154.0	108.5	79.3	53.3	31.2	19.8
-52.5°	428.1	357.4	291.5	227.9	172.8	125.2	94.1	66.6	43.9	26.5	17.4
-55°	366.8	300.7	240.9	186.9	139.2	105.6	78.9	55.1	33.9	22.9	14.9
-57.5°	305.4	244.8	193.6	146.8	113.6	88.0	64.2	42.9	27.9	19.0	14.5
-60°	242.4	192.2	146.2	117.6	93.4	70.3	49.4	32.2	22.9	15.6	14.1
-62.5°	182.7	142.2	117.3	94.6	72.7	52.4	35.2	25.8	17.5	15.0	13.6
-65°	137.2	113.1	91.3	70.6	51.3	36.3	27.3	19.0	15.8	14.4	13.2
-67.5°	102.2	82.0	63.2	45.5	35.6	27.5	19.2	16.4	15.1	13.8	13.2
-70°	65.7	49.2	40.1	33.1	25.8	19.4	17.1	15.6	14.4	13.6	13.1
-72.5°	40.0	34.5	28.7	22.9	20.1	17.8	16.0	14.8	13.9	13.3	13.0
-75°	27.3	24.4	22.0	19.7	17.6	16.0	14.9	14.0	13.4	13.0	12.5
-77.5°	21.8	19.8	18.0	16.6	15.5	14.5	13.8	13.2	12.8	12.4	11.9
-80°	17.1	16.0	15.1	14.2	13.5	13.0	12.7	12.3	12.0	11.7	11.3
-82.5°	13.1	12.8	12.5	12.4	12.2	11.9	11.7	11.5	11.2	10.9	10.7
-85°	10.6	10.7	10.9	11.2	11.1	10.9	10.7	10.6	10.4	10.2	10.0
-87.5°	9.1	9.4	9.7	10.0	9.9	9.8	9.7	9.6	9.5	9.5	9.4
-90°	6.5	6.5	6.5	6.5	7.1	7.6	8.2	8.7	8.7	8.7	8.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7
85°	8.7	8.7	8.7	8.7	8.7	8.7	8.7
82.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7
80°	8.8	8.7	8.7	8.7	8.7	8.7	8.7
77.5°	9.3	8.9	8.7	8.7	8.7	8.7	8.7
75°	9.9	9.3	8.8	8.7	8.7	8.7	8.7
72.5°	10.4	9.8	9.1	8.7	8.7	8.7	8.7
70°	10.9	10.2	9.5	8.8	8.7	8.7	8.7
67.5°	10.9	10.7	9.9	9.0	8.7	8.7	8.7
65°	10.9	10.9	10.2	9.3	8.7	8.7	8.7
62.5°	10.9	10.9	10.5	9.5	8.7	8.7	8.7
60°	10.9	10.9	10.9	9.8	8.7	8.7	8.7
57.5°	10.9	10.9	10.9	10.0	8.9	8.7	8.7
55°	10.9	10.9	10.9	10.3	9.0	8.7	8.7
52.5°	10.9	10.9	10.9	10.5	9.2	8.7	8.7
50°	10.9	10.9	10.9	10.7	9.3	8.7	8.7
47.5°	10.9	10.9	10.9	10.9	9.5	8.7	8.7
45°	10.9	10.9	10.9	10.9	9.6	8.7	8.7
42.5°	10.9	10.9	10.9	10.9	9.7	8.7	8.7
40°	10.9	10.9	10.9	10.9	9.9	8.7	8.7
37.5°	10.9	10.9	10.9	10.9	10.0	8.7	8.7
35°	10.9	10.9	10.9	10.9	10.1	8.7	8.7
32.5°	11.0	10.9	10.9	10.9	10.2	8.7	8.7
30°	11.2	10.9	10.9	10.9	10.3	8.7	8.7
27.5°	11.4	10.9	10.9	10.9	10.4	8.7	8.7
25°	11.7	10.9	10.9	10.9	10.5	8.7	8.7
22.5°	11.9	10.9	10.9	10.9	10.6	8.7	8.7
20°	12.2	11.1	10.9	10.9	10.6	8.7	8.7
17.5°	12.5	11.3	10.9	10.9	10.7	8.7	8.7
15°	12.7	11.5	10.9	10.9	10.7	8.7	8.7
12.5°	12.8	11.7	10.9	10.9	10.8	8.7	8.7
10°	12.9	12.0	10.9	10.9	10.8	8.7	8.7
7.5°	13.0	12.2	10.9	10.9	10.9	8.7	8.7
5°	13.0	12.5	10.9	10.9	10.9	8.7	8.7
2.5°	13.0	12.8	10.9	10.9	10.9	8.7	8.7
0°	13.0	13.0	10.9	10.9	10.9	8.7	8.7
-2.5°	14.2	13.0	10.9	10.9	10.9	8.7	8.7
-5°	15.3	13.0	10.9	10.9	10.9	8.7	8.7
-7.5°	16.3	12.9	10.9	10.9	10.9	8.7	8.7
-10°	17.2	12.8	10.9	10.9	10.8	8.7	8.7
-12.5°	17.9	12.7	10.9	10.9	10.8	8.7	8.7
-15°	18.5	12.6	10.9	10.9	10.7	8.7	8.7
-17.5°	18.7	12.5	10.9	10.9	10.7	8.7	8.7
-20°	19.2	12.4	10.9	10.9	10.6	8.7	8.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.9	12.2	10.9	10.9	10.6	8.7	8.7
-25°	20.3	12.4	10.9	10.9	10.5	8.7	8.7
-27.5°	20.2	12.6	10.9	10.9	10.4	8.7	8.7
-30°	19.6	12.6	10.9	10.9	10.3	8.7	8.7
-32.5°	18.5	12.5	11.0	10.9	10.2	8.7	8.7
-35°	18.0	12.3	11.1	10.9	10.1	8.7	8.7
-37.5°	17.7	12.0	11.2	10.9	10.0	8.7	8.7
-40°	17.1	12.1	11.2	10.9	9.9	8.7	8.7
-42.5°	16.3	12.2	11.3	10.9	9.7	8.7	8.7
-45°	15.2	12.2	11.3	11.0	9.6	8.7	8.7
-47.5°	13.8	12.1	11.4	11.0	9.5	8.7	8.7
-50°	13.5	12.1	11.5	10.9	9.3	8.7	8.7
-52.5°	13.3	12.0	11.5	10.7	9.2	8.7	8.7
-55°	13.1	12.0	11.6	10.5	9.0	8.7	8.7
-57.5°	12.9	12.1	11.6	10.3	8.9	8.7	8.7
-60°	12.6	12.1	11.7	10.1	8.7	8.7	8.7
-62.5°	12.7	12.2	11.4	9.9	8.7	8.7	8.7
-65°	12.7	12.2	11.1	9.7	8.7	8.7	8.7
-67.5°	12.8	12.1	10.8	9.4	8.7	8.7	8.7
-70°	12.8	11.7	10.5	9.2	8.7	8.7	8.7
-72.5°	12.4	11.3	10.1	9.1	8.7	8.7	8.7
-75°	11.9	10.9	9.8	9.1	8.7	8.7	8.7
-77.5°	11.4	10.4	9.6	9.0	8.7	8.7	8.7
-80°	10.9	10.1	9.4	9.0	8.7	8.7	8.7
-82.5°	10.4	9.8	9.3	8.9	8.7	8.7	8.7
-85°	9.8	9.4	9.1	8.8	8.7	8.7	8.7
-87.5°	9.3	9.1	8.9	8.8	8.7	8.7	8.7
-90°	8.7	8.7	8.7	8.7	8.7	8.7	8.7

(END OF REPORT)