

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: P1306145 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

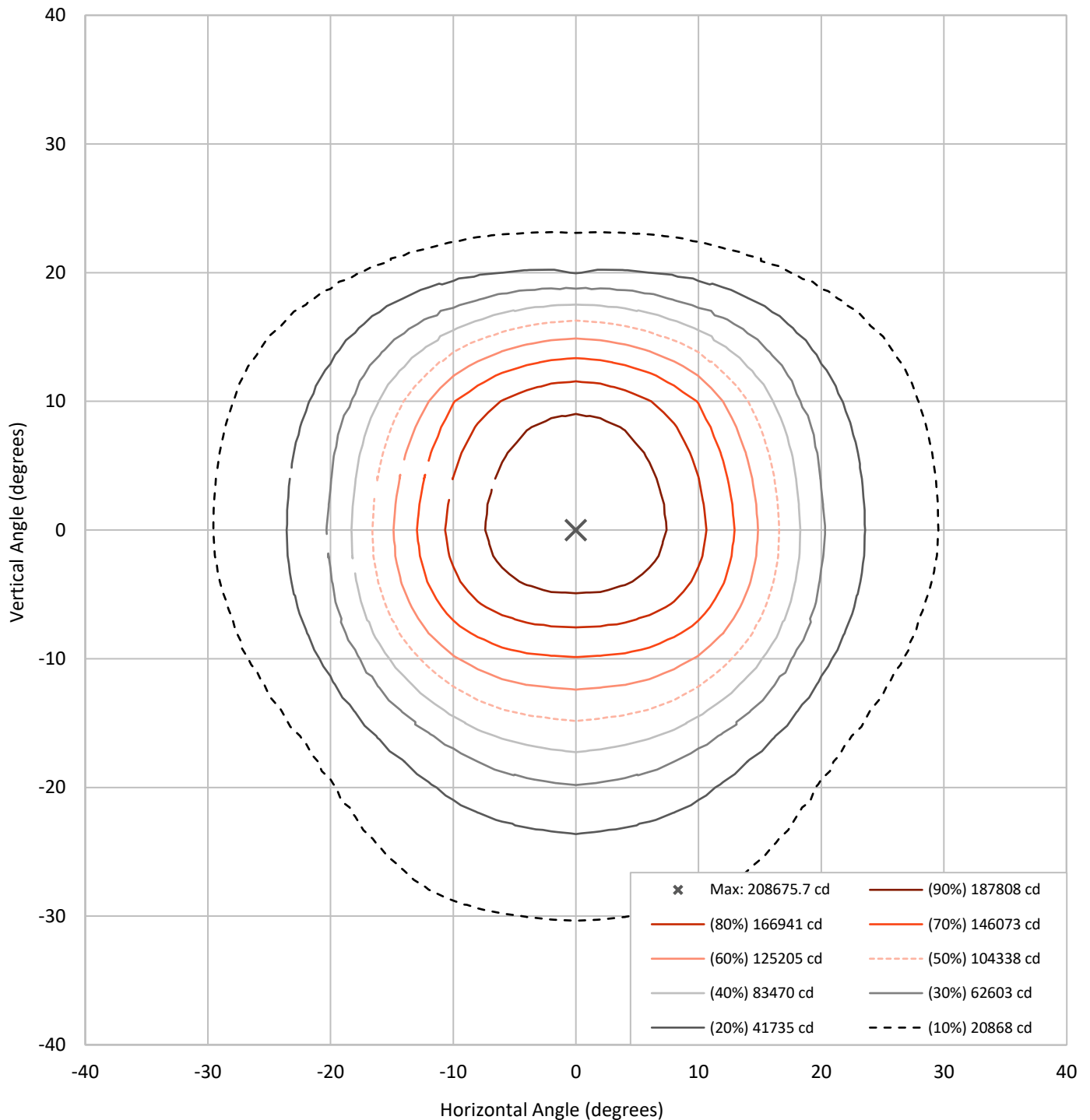
Test Method: LM-79-08
Report Number: P1306145 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	71100.1 lumens	Max Intensity:	208675.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	38859 lumens	Field Lumens:	62614.5 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
Input Watts (W):	554		
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





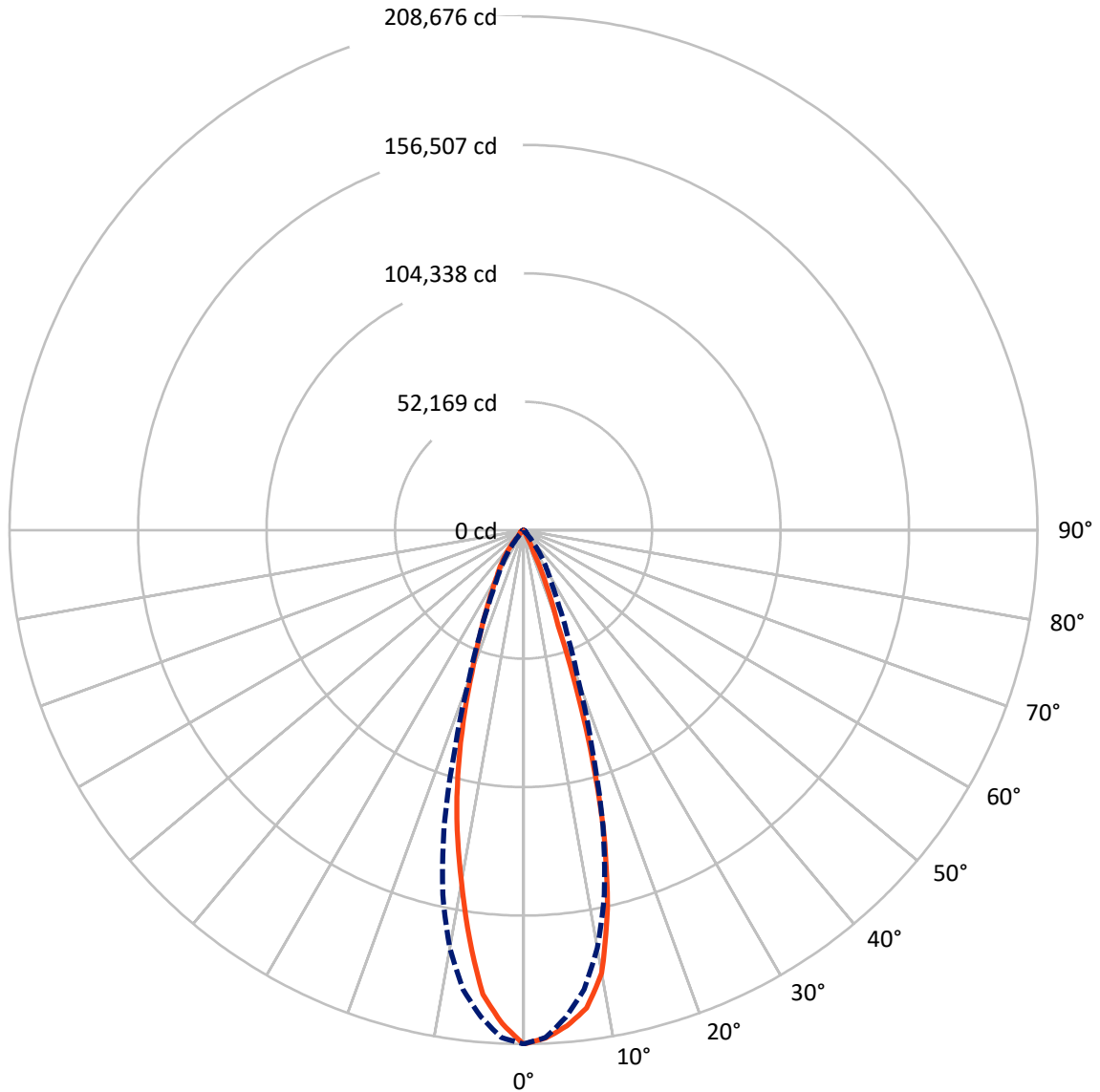
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Lumen Table

90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1										
80	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1										
70	0.1	0.0	0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1	0.0	0.1			
60		0.1	0.2	0.7	0.7	0.3	0.2	0.3	0.3	0.2	0.3	0.7	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.8	2.1	3.8	6.7	10.2	12.6	12.6	10.2	6.7	3.8	2.1	0.8	0.2				
30	0.1	0.4	3.5	10.7	42.2	131.8	263.9	428.4	428.4	263.9	131.8	42.2	10.7	3.5	0.4	0.1			
20		1.1	7.9	25.8	174.4	595.7	1778.0	3314.8	3314.8	1778.0	595.7	174.4	25.8	7.9	1.1				
10	0.2	1.8	10.9	36.8	271.8	968.0	3319.3	5685.2	5685.2	3319.3	968.0	271.8	36.8	10.9	1.8	0.2			
0		2.2	11.6	37.9	268.3	933.7	3212.7	5291.9	5291.9	3212.7	933.7	268.3	37.9	11.6	2.2				
-10	0.4	2.7	11.1	29.2	159.5	527.6	1621.3	2890.0	2890.0	1621.3	527.6	159.5	29.2	11.1	2.7	0.4			
-20		2.7	10.6	22.5	75.1	286.0	658.8	1051.1	1051.1	658.8	286.0	75.1	22.5	10.6	2.7				
-30	0.3	2.2	9.6	19.2	37.1	106.3	266.0	404.1	404.1	266.0	106.3	37.1	19.2	9.6	2.2	0.3			
-40		1.5	7.0	16.4	27.7	42.3	64.3	87.3	87.3	64.3	42.3	27.7	16.4	7.0	1.5				
-50	0.2	0.7	3.6	10.7	20.8	30.0	38.5	44.1	44.1	38.5	30.0	20.8	10.7	3.6	0.7	0.2			
-60		0.3	1.3	3.8	8.3	14.0	19.7	22.8	22.8	19.7	14.0	8.3	3.8	1.3	0.3				
-70	0.1	0.7	2.6	6.7	8.9	6.7	2.6	0.7	0.1						0.1				
-80		0.1	0.7	2.6	6.7	8.9	6.7	2.6	0.7	0.1									
-90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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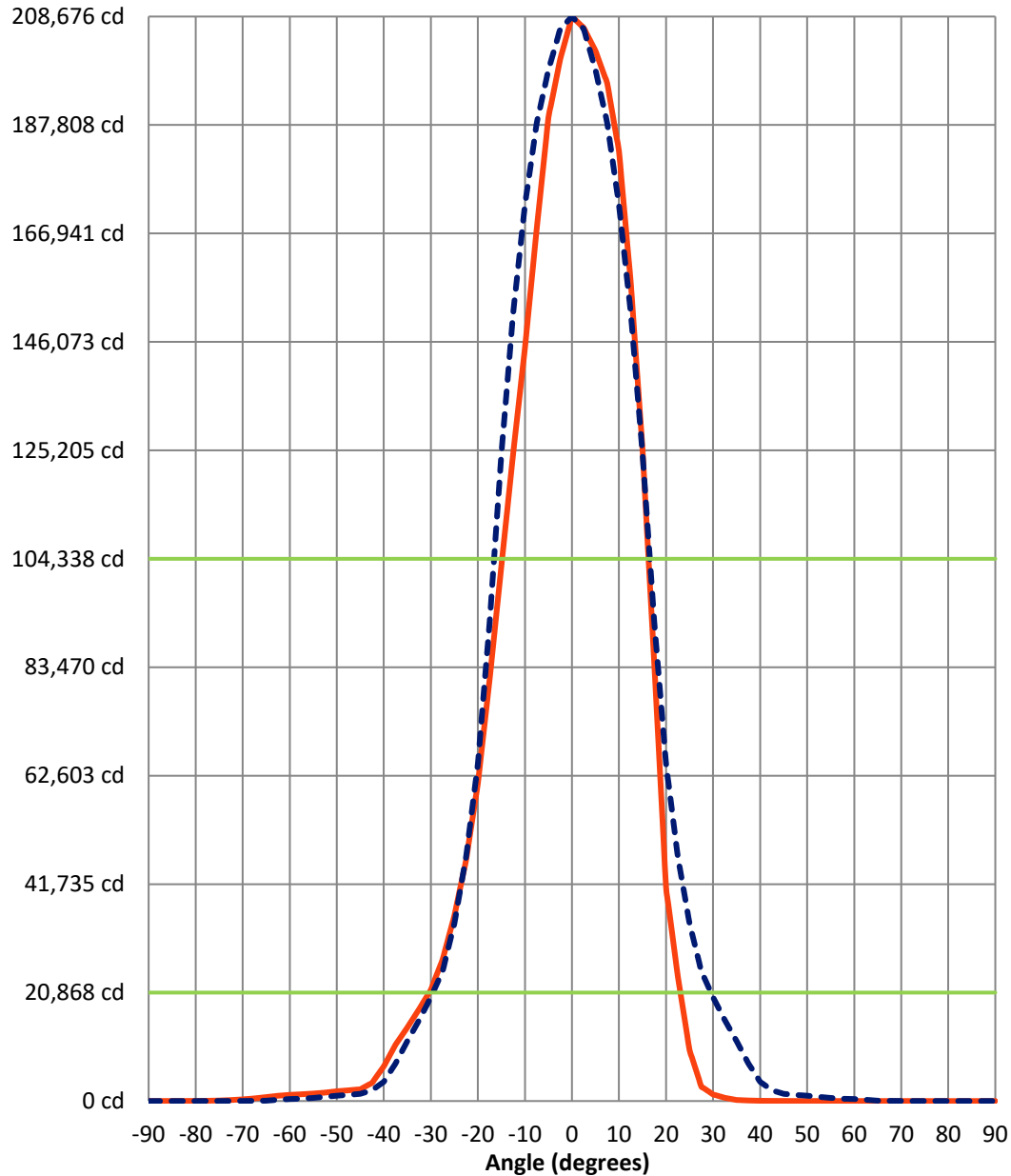
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 38859
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 62614.5
 Efficiency: 88.1%

Spill:
 Lumens: 8485.6
 Efficiency: 11.9%

— 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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	3.6	2.7	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8
85°	3.6	2.8	2.1	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8
82.5°	3.6	2.8	2.3	2.3	2.3	2.1	1.8	1.8	1.8	1.9	1.8
80°	3.6	2.9	2.4	2.5	2.4	2.2	1.9	2.1	2.1	2.1	1.8
77.5°	3.6	2.9	2.6	2.7	2.6	2.4	2.4	2.5	2.5	2.3	2.1
75°	3.6	3.0	2.8	2.9	2.8	2.7	2.8	2.9	2.8	2.7	2.8
72.5°	3.6	3.0	2.9	3.1	2.9	3.0	3.2	3.3	3.1	3.2	3.5
70°	3.6	3.0	3.1	3.2	3.1	3.2	3.6	3.4	3.4	3.6	3.6
67.5°	3.6	3.1	3.2	3.3	3.2	3.5	3.6	3.5	3.6	3.6	3.6
65°	3.6	3.1	3.3	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	3.6	3.2	3.5	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.6
60°	3.6	3.2	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
57.5°	3.6	3.2	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
55°	3.6	3.3	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
52.5°	3.6	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
50°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.7
47.5°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	5.9
45°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.6	7.0
42.5°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.7	3.8	5.6	8.5
40°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.8	4.2	6.6	10.0
37.5°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	4.0	5.1	7.7	11.6
35°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	4.2	6.0	9.2	13.0
32.5°	3.6	3.5	3.6	3.6	3.6	3.6	3.7	4.4	6.9	10.5	14.3
30°	3.6	3.5	3.6	3.6	3.6	3.6	3.8	4.8	7.7	11.8	15.8
27.5°	3.6	3.6	3.6	3.6	3.6	3.6	4.0	5.5	8.5	13.0	17.7
25°	3.6	3.6	3.6	3.6	3.6	3.6	4.3	6.1	9.5	14.4	19.8
22.5°	3.6	3.6	3.6	3.6	3.6	3.6	4.5	6.7	10.5	15.9	24.0
20°	3.6	3.6	3.6	3.6	3.6	3.8	4.7	7.2	11.3	17.5	28.6
17.5°	3.6	3.6	3.6	3.6	3.6	3.9	5.0	7.7	12.1	19.2	33.5
15°	3.6	3.6	3.6	3.6	3.6	4.1	5.4	8.3	12.8	21.0	38.6
12.5°	3.6	3.6	3.6	3.6	3.6	4.3	5.7	9.1	14.0	22.7	43.7
10°	3.6	3.6	3.6	3.6	3.6	4.5	6.1	9.9	15.6	25.7	49.1
7.5°	3.6	3.6	3.6	3.6	3.6	4.8	6.4	10.6	17.2	29.0	54.6
5°	3.6	3.6	3.6	3.6	3.6	5.0	6.7	11.3	18.7	32.1	59.8
2.5°	3.6	3.6	3.6	3.6	3.6	5.2	6.9	12.0	20.2	35.1	64.4
0°	3.6	3.6	3.6	3.6	3.6	5.4	7.2	12.6	21.6	37.8	68.5
-2.5°	3.6	3.6	3.6	3.6	3.8	6.0	8.9	16.0	29.0	51.0	88.3
-5°	3.6	3.6	3.6	3.6	3.9	6.5	10.5	19.2	36.2	63.7	107.1
-7.5°	3.6	3.6	3.6	3.6	4.1	7.1	12.0	22.2	42.8	75.5	124.6
-10°	3.6	3.6	3.6	3.6	4.2	7.5	13.4	24.9	48.7	86.1	140.4
-12.5°	3.6	3.6	3.6	3.6	4.3	7.9	14.6	27.3	53.7	95.2	154.3
-15°	3.6	3.6	3.6	3.6	4.4	8.2	15.6	29.4	57.7	102.2	165.8
-17.5°	3.6	3.6	3.6	3.6	4.5	8.5	16.4	31.3	60.8	107.5	174.3
-20°	3.6	3.6	3.6	3.6	4.5	8.6	17.1	33.0	62.8	110.8	179.5



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 CATALOG NUMBER: EPH-08-530N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.6	3.6	3.6	3.6	4.6	8.6	17.7	34.1	63.5	112.0	181.0
-25°	3.6	3.6	3.6	3.6	4.6	8.7	18.0	34.6	62.8	110.9	178.8
-27.5°	3.6	3.6	3.6	3.6	4.5	8.6	17.9	34.4	60.7	108.5	177.2
-30°	3.6	3.6	3.6	3.6	4.5	8.5	17.5	33.5	59.3	105.9	172.7
-32.5°	3.6	3.6	3.6	3.6	4.5	8.1	16.6	32.8	58.2	101.3	164.9
-35°	3.6	3.6	3.6	3.6	4.5	7.6	15.9	31.7	56.0	94.7	153.8
-37.5°	3.6	3.6	3.6	3.6	4.5	7.2	15.3	30.0	52.9	86.0	140.2
-40°	3.6	3.6	3.6	3.6	4.5	7.2	14.4	27.6	48.7	79.9	126.4
-42.5°	3.6	3.6	3.6	3.6	4.5	7.1	13.2	24.7	44.8	72.9	110.7
-45°	3.6	3.6	3.6	3.7	4.6	7.0	11.8	22.0	40.7	64.8	94.2
-47.5°	3.6	3.6	3.6	3.7	4.6	6.8	10.2	20.0	35.7	56.0	84.2
-50°	3.6	3.6	3.6	3.7	4.6	6.6	9.6	17.6	29.5	48.8	73.2
-52.5°	3.6	3.6	3.6	3.7	4.6	6.4	9.3	14.9	25.0	40.7	61.6
-55°	3.6	3.6	3.6	3.7	4.5	6.2	8.9	12.1	21.2	31.9	51.3
-57.5°	3.6	3.6	3.6	3.7	4.4	6.0	8.4	11.5	17.2	26.2	40.0
-60°	3.6	3.6	3.6	3.7	4.3	5.7	7.9	10.8	13.7	21.4	30.1
-62.5°	3.6	3.6	3.6	3.7	4.2	5.4	7.4	9.9	12.7	16.5	24.5
-65°	3.6	3.6	3.6	3.7	4.1	5.0	6.8	9.1	11.5	14.3	18.7
-67.5°	3.6	3.6	3.6	3.7	4.0	4.7	6.1	8.2	10.3	12.9	15.7
-70°	3.6	3.6	3.6	3.6	3.9	4.5	5.3	7.2	9.3	11.3	13.8
-72.5°	3.6	3.6	3.6	3.6	3.8	4.2	4.9	6.3	8.2	10.1	11.9
-75°	3.6	3.6	3.6	3.6	3.6	4.0	4.5	5.6	7.1	8.8	10.6
-77.5°	3.6	3.6	3.6	3.6	3.6	3.7	4.1	5.1	6.3	7.6	9.2
-80°	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.4	5.4	6.5	7.8
-82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.0	4.5	5.4	6.3
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.9	4.2	4.6	5.1
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.9	4.1	4.4
-90°	3.6	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.3	2.5
80°	1.8	1.8	1.9	1.8	2.0	2.3	2.7	3.2	3.5	3.6	3.6
77.5°	2.2	2.3	2.2	1.9	2.1	2.6	3.0	3.5	3.6	3.6	3.6
75°	2.9	2.8	2.4	2.0	2.1	2.5	3.0	3.5	3.6	3.6	3.6
72.5°	3.3	2.9	2.5	2.0	2.4	3.0	3.4	3.6	4.4	5.5	6.2
70°	3.4	3.0	2.8	2.9	3.3	4.0	5.5	7.5	9.4	10.2	10.9
67.5°	3.5	3.3	3.3	3.8	5.0	6.8	9.1	11.9	14.7	15.7	16.8
65°	3.6	3.5	4.0	5.2	7.0	9.8	12.9	16.2	21.1	23.5	24.7
62.5°	3.6	3.9	4.8	6.8	9.7	13.0	17.1	22.5	29.0	33.2	33.0
60°	3.6	4.0	6.0	9.0	12.3	16.2	21.5	29.0	38.2	44.8	40.4
57.5°	3.6	4.8	7.7	11.0	14.7	19.0	26.4	35.6	44.0	52.9	45.3
55°	4.1	6.1	9.3	12.9	17.1	22.3	29.5	36.8	46.0	49.4	41.3
52.5°	5.5	7.5	10.7	14.8	19.9	24.1	28.1	34.5	38.0	39.6	34.0
50°	6.9	9.1	12.0	17.0	21.5	23.8	24.3	28.4	30.0	28.6	25.9
47.5°	8.4	10.7	13.7	18.6	21.7	22.7	21.9	22.7	22.6	22.3	18.7
45°	10.0	12.7	15.8	19.2	21.4	21.2	20.8	18.3	20.7	20.1	18.4
42.5°	11.6	14.6	17.7	20.0	20.5	21.6	21.5	22.3	22.3	23.4	25.2
40°	13.2	16.3	19.9	21.5	20.9	24.2	29.1	31.5	28.3	34.2	39.3
37.5°	14.6	18.5	23.2	26.8	24.7	32.1	40.0	52.7	54.5	50.7	64.7
35°	15.8	21.0	30.8	39.3	41.4	44.9	67.1	87.3	99.9	92.5	103.2
32.5°	17.7	23.8	41.1	59.8	74.6	78.8	102.0	144.5	169.2	173.5	166.4
30°	20.7	33.5	56.6	85.6	118.7	148.4	168.8	217.4	257.8	301.9	328.1
27.5°	25.4	46.0	81.5	126.4	176.3	231.7	277.8	315.2	389.2	464.3	528.8
25°	30.8	71.6	109.8	177.3	256.6	333.2	397.3	454.6	552.1	669.2	865.2
22.5°	44.2	104.3	157.2	234.6	345.9	442.9	529.4	618.5	737.5	895.3	1305.3
20°	68.0	145.2	211.2	293.6	438.1	557.3	667.1	779.2	928.2	1258.7	2158.1
17.5°	95.5	187.8	263.2	358.7	506.8	658.4	809.0	932.5	1113.0	1600.8	3097.2
15°	125.8	231.7	310.1	418.2	572.0	736.8	905.2	1081.9	1357.1	2056.7	3988.6
12.5°	157.7	276.1	352.4	472.2	633.1	811.4	982.3	1173.6	1577.5	2748.4	5122.7
10°	190.3	320.3	390.6	520.8	689.9	881.4	1051.1	1250.9	1750.1	3191.1	5914.6
7.5°	211.1	351.7	421.8	564.0	741.7	946.0	1112.0	1314.6	1896.5	3472.1	6468.1
5°	226.8	367.7	432.0	583.4	775.8	993.2	1159.1	1365.6	2014.4	3609.5	6850.7
2.5°	238.8	380.2	440.4	595.1	796.6	1015.2	1173.2	1384.9	2063.2	3692.5	7115.7
0°	246.9	389.3	447.0	601.9	811.0	1029.1	1180.5	1394.9	2070.8	3716.2	7245.0
-2.5°	260.4	396.4	460.5	614.1	818.6	1033.5	1186.5	1402.8	2101.1	3827.3	7442.5
-5°	270.4	400.6	471.9	621.6	819.7	1030.3	1186.5	1401.0	2083.6	3788.7	7193.3
-7.5°	277.1	402.4	480.9	624.1	808.8	1007.7	1162.4	1361.0	1974.2	3545.0	6516.8
-10°	282.0	408.3	492.3	620.3	784.9	971.0	1128.3	1312.5	1833.4	3202.7	5732.9
-12.5°	289.6	417.8	503.4	614.7	759.9	928.9	1088.7	1256.2	1662.7	2761.8	4846.8
-15°	293.4	425.7	513.7	608.3	735.3	882.2	1043.8	1192.7	1471.3	2229.8	3863.1
-17.5°	293.5	432.3	523.5	601.7	712.5	831.5	998.9	1146.7	1336.4	1902.7	3177.3
-20°	289.8	437.8	533.0	595.8	693.7	800.0	962.3	1114.2	1281.3	1657.7	2497.0



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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°	282.3	442.6	539.1	600.5	686.8	786.9	920.4	1075.4	1224.0	1396.0	1977.6
-25°	277.4	430.7	539.9	605.3	679.6	773.0	875.3	1029.7	1170.5	1336.1	1704.1
-27.5°	274.1	414.4	530.0	606.5	670.6	759.3	849.2	976.0	1129.5	1283.5	1451.7
-30°	265.6	384.8	516.3	600.9	666.9	746.9	831.5	927.0	1082.5	1231.7	1386.7
-32.5°	248.7	353.7	485.9	582.8	660.9	733.0	813.6	899.6	1022.5	1176.5	1318.8
-35°	229.2	329.6	448.4	560.1	649.2	719.3	793.0	874.1	964.7	1104.5	1262.8
-37.5°	211.0	301.6	409.8	526.6	620.2	705.0	769.3	846.2	930.4	1026.8	1184.8
-40°	189.4	269.8	373.6	483.6	588.5	681.6	753.9	815.6	893.3	991.5	1089.5
-42.5°	165.4	242.2	334.7	439.4	543.3	642.5	736.2	796.3	865.0	956.5	1050.4
-45°	145.6	210.9	293.0	389.9	489.9	593.4	688.6	782.6	848.4	921.7	1010.8
-47.5°	123.4	178.7	253.8	336.5	431.8	530.1	632.0	729.7	830.2	900.4	970.3
-50°	102.1	151.2	210.3	286.4	369.5	462.1	558.0	665.3	766.5	864.4	945.4
-52.5°	88.7	121.3	174.3	235.6	309.6	390.2	481.7	580.8	685.1	789.1	878.2
-55°	74.3	101.7	138.1	190.6	251.0	321.8	400.4	491.2	585.8	685.4	779.6
-57.5°	60.3	84.0	111.1	147.8	198.9	254.6	322.9	397.7	482.6	570.8	649.5
-60°	46.2	66.4	89.6	116.3	148.7	196.5	245.4	307.2	377.9	449.1	517.8
-62.5°	32.8	49.2	68.7	90.6	116.2	142.1	181.2	226.3	273.1	330.9	387.9
-65°	26.3	34.0	48.4	66.8	86.3	108.7	131.9	155.7	193.9	232.1	268.6
-67.5°	19.4	26.3	33.6	43.2	59.9	76.5	94.6	115.3	136.1	155.6	178.9
-70°	16.4	18.9	24.5	31.1	37.7	45.6	60.1	75.7	91.8	107.1	123.3
-72.5°	14.1	16.5	18.7	21.0	26.1	31.1	35.6	39.9	49.1	61.8	74.1
-75°	12.1	14.0	16.0	18.1	19.8	21.3	23.3	27.2	31.1	34.8	38.3
-77.5°	10.3	11.5	13.1	14.9	16.4	17.4	18.6	19.9	21.6	23.5	25.5
-80°	8.4	9.0	9.9	11.0	12.3	13.4	14.4	15.2	16.2	17.5	18.9
-82.5°	6.8	7.2	7.6	8.0	8.7	9.5	10.4	11.4	12.0	12.6	13.3
-85°	5.3	5.4	5.7	5.9	6.3	6.7	7.1	7.6	8.2	8.7	9.1
-87.5°	4.4	4.5	4.6	4.6	4.7	4.8	4.8	4.9	5.3	5.7	6.1
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.6	4.1	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	2.6	2.5	2.4	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	3.6	3.4	3.2	3.0	2.9	2.8	2.5	2.2	1.8	1.8	1.8
77.5°	3.6	3.6	3.6	3.6	3.6	3.2	2.8	2.3	1.9	1.8	1.8
75°	3.6	3.7	4.0	4.0	3.7	3.4	3.3	3.2	3.2	3.0	2.7
72.5°	6.5	6.4	6.1	6.0	5.8	5.8	5.8	5.6	5.1	5.0	5.1
70°	11.5	11.9	11.8	11.4	10.3	9.2	8.5	7.8	7.0	6.6	6.3
67.5°	17.7	17.9	16.9	15.3	12.8	10.5	9.5	8.6	7.6	7.3	7.7
65°	24.6	22.4	19.7	16.8	13.6	10.7	9.9	9.2	8.7	8.8	9.4
62.5°	30.4	24.6	19.7	16.3	13.4	10.6	9.8	9.0	8.3	7.8	7.6
60°	33.6	24.7	17.7	14.7	11.9	9.4	8.3	7.7	7.4	7.2	7.2
57.5°	33.7	23.3	15.4	12.7	10.2	8.0	7.2	7.2	7.2	7.2	7.2
55°	29.9	20.4	13.2	10.9	9.3	7.9	7.3	7.5	7.5	7.2	7.6
52.5°	23.4	16.8	12.3	10.2	9.5	9.0	8.9	8.8	8.6	8.4	8.6
50°	18.6	14.0	11.9	10.6	10.6	10.6	10.6	10.8	11.0	11.2	11.3
47.5°	15.6	13.1	13.4	12.3	12.8	13.9	14.1	14.3	14.8	14.9	14.6
45°	16.0	18.6	19.1	18.9	18.6	21.1	21.0	19.3	21.6	22.2	21.7
42.5°	26.5	28.7	30.2	31.5	33.1	35.1	36.2	35.5	37.6	37.6	35.2
40°	44.8	42.7	46.1	50.2	53.8	55.2	58.6	62.1	63.5	62.8	60.4
37.5°	73.5	70.3	70.6	79.7	88.2	78.2	92.9	98.7	95.0	108.1	110.8
35°	122.0	134.9	116.3	149.1	165.5	157.4	175.0	209.7	182.8	232.0	244.1
32.5°	216.9	247.9	267.3	295.1	335.9	389.6	403.0	488.6	516.1	555.8	598.5
30°	354.4	442.0	603.2	633.3	672.2	857.1	908.0	954.6	1051.9	1127.0	1254.6
27.5°	644.0	880.1	1217.2	1514.1	1492.3	1805.3	2153.6	1763.6	2342.2	2110.1	2665.2
25°	1206.1	1726.5	2539.4	3325.9	3701.3	4339.0	5136.6	4985.6	6038.0	6111.1	7663.3
22.5°	2293.9	3424.5	4667.5	6004.6	7301.6	8737.0	10116.4	11562.4	13736.5	16740.2	19659.5
20°	3753.1	5415.5	7423.0	9493.3	11688.7	13921.0	16514.7	20906.9	25410.2	31661.4	36077.5
17.5°	5334.3	7980.2	10444.5	13009.4	16078.7	19789.4	25154.4	32659.2	41762.3	51106.6	58335.4
15°	6715.5	9708.6	13260.8	16680.4	20496.8	26066.8	34493.1	45609.3	59146.6	73352.0	90529.8
12.5°	8051.9	11178.4	15038.5	19363.9	24550.1	32522.4	43444.8	58467.2	76400.8	97747.3	119810.1
10°	9089.0	12519.5	16815.8	21686.9	28016.9	37808.5	50501.1	68237.1	94811.9	120011.2	145205.4
7.5°	9899.4	13758.5	18309.5	23421.8	30792.3	41817.6	57003.3	79329.6	107408.1	134673.0	157878.8
5°	10619.7	14777.4	19321.5	24399.6	32790.2	44734.6	61087.4	86585.1	116548.6	143344.7	165426.9
2.5°	11187.1	15443.6	19877.4	24889.4	34076.4	46344.9	63241.2	90478.7	122440.4	148895.1	169980.7
0°	11530.7	15562.3	19970.6	24993.4	34174.0	47074.4	64922.0	92182.6	124541.8	151611.4	172349.8
-2.5°	11407.6	15296.3	19668.4	24687.7	33851.7	46390.6	63570.1	91319.3	122761.0	148087.2	168944.5
-5°	10794.4	14425.7	18485.6	23208.1	31713.5	43793.2	59737.9	85042.0	114595.9	139879.1	159505.9
-7.5°	9827.6	13209.1	16936.4	21308.4	28663.5	39579.1	54108.9	75642.6	102471.7	125800.3	143512.5
-10°	8746.0	11798.6	15028.0	18900.4	24649.6	33915.0	46048.5	62491.1	85500.8	106476.1	123223.1
-12.5°	7445.9	9985.6	12700.3	16039.8	20397.2	27950.8	38152.2	51490.4	67489.1	86154.2	101400.7
-15°	6094.8	8229.9	10476.9	13609.3	17325.7	22137.3	29470.1	40073.9	51949.4	64698.0	78531.4
-17.5°	4894.3	6702.0	9084.4	11722.7	14555.3	17903.6	23966.5	31193.0	39787.4	48880.6	57229.3
-20°	3931.6	5848.8	7989.1	10283.5	12886.1	16105.9	19830.4	25320.7	31694.1	38674.4	45362.4



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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°	3234.2	4953.6	6941.1	9093.2	11726.2	14624.8	17641.1	21086.8	25660.5	31027.2	36165.0
-25°	2463.3	3900.2	5828.1	7998.6	10424.2	12980.3	15428.7	18237.4	21581.2	25073.0	28670.7
-27.5°	1952.5	2966.8	4549.8	6588.1	8832.5	10833.8	12931.5	15270.2	18194.3	21232.3	23234.1
-30°	1593.6	2187.5	3375.8	4968.3	6844.1	8610.2	10332.6	12434.5	14730.0	16910.3	18679.9
-32.5°	1488.7	1754.4	2369.3	3504.2	4913.1	6489.4	8035.6	9912.0	11693.6	13419.0	14940.5
-35°	1414.7	1584.5	1816.5	2408.6	3257.1	4538.2	5950.9	7538.7	9146.7	10540.5	11830.9
-37.5°	1345.7	1493.1	1646.6	1799.4	2277.1	2863.4	3858.3	5114.2	6334.0	7461.9	8572.7
-40°	1247.2	1408.7	1532.7	1663.4	1805.5	1966.9	2487.6	3000.7	3597.8	4462.8	5220.6
-42.5°	1142.7	1277.4	1418.6	1540.9	1659.7	1783.8	1915.1	2045.5	2318.4	2657.8	2935.7
-45°	1099.1	1180.1	1277.1	1404.8	1524.3	1635.7	1742.5	1845.8	1954.8	2054.4	2135.7
-47.5°	1046.8	1120.5	1199.0	1282.3	1370.0	1477.5	1583.2	1688.3	1783.7	1872.4	1943.2
-50°	998.6	1056.5	1126.7	1197.5	1267.6	1339.7	1412.6	1493.8	1584.9	1674.7	1748.6
-52.5°	959.2	1012.2	1062.4	1112.6	1173.6	1234.7	1296.0	1360.6	1422.8	1481.7	1527.6
-55°	863.4	938.0	1011.5	1058.9	1100.0	1141.7	1188.0	1245.9	1301.1	1353.3	1384.1
-57.5°	732.9	819.4	898.8	954.8	1012.1	1070.1	1118.0	1159.3	1201.1	1240.9	1262.7
-60°	587.9	658.9	730.8	797.5	861.2	921.3	977.1	1031.5	1081.8	1124.1	1149.8
-62.5°	444.3	503.3	561.7	617.4	671.1	723.3	782.8	840.1	894.7	939.2	966.6
-65°	309.3	357.7	402.9	446.4	487.9	532.4	578.7	623.6	666.8	701.0	723.5
-67.5°	210.4	240.1	267.2	293.0	324.6	358.8	392.8	424.3	453.2	475.4	491.2
-70°	139.7	155.6	169.9	186.6	207.3	228.1	249.1	268.6	286.4	299.7	309.7
-72.5°	86.0	97.0	107.3	118.5	129.1	140.0	151.4	162.6	173.4	181.2	187.1
-75°	41.4	46.5	55.6	63.9	71.3	78.3	84.6	90.1	94.9	97.9	99.9
-77.5°	28.2	30.5	32.7	35.0	37.3	40.2	43.0	45.8	48.4	50.4	52.2
-80°	20.3	21.6	22.6	23.5	24.3	25.5	26.7	28.0	29.3	29.8	30.1
-82.5°	14.1	15.0	16.0	16.9	17.7	18.6	19.4	20.1	20.8	21.5	22.1
-85°	9.5	10.0	10.5	11.0	11.6	12.2	12.8	13.4	14.0	14.1	14.2
-87.5°	6.5	6.7	6.8	6.9	7.0	7.5	8.0	8.5	8.9	9.0	9.0
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9



REPORT NUMBER: P1306145 (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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.8
87.5°	1.8	1.8	0.9	0.0	0.9	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.3
75°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.0	3.2	3.2
72.5°	5.2	5.3	4.5	3.6	4.5	5.3	5.2	5.1	5.0	5.1	5.6
70°	5.9	5.5	5.4	5.4	5.4	5.5	5.9	6.3	6.6	7.0	7.8
67.5°	8.2	8.8	9.0	9.0	9.0	8.8	8.2	7.7	7.3	7.6	8.6
65°	10.0	10.6	10.0	9.0	10.0	10.6	10.0	9.4	8.8	8.7	9.2
62.5°	7.5	7.4	7.2	7.2	7.2	7.4	7.5	7.6	7.8	8.3	9.0
60°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.7
57.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
55°	8.1	8.7	9.0	9.0	9.0	8.7	8.1	7.6	7.2	7.5	7.5
52.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.6	8.4	8.6	8.8
50°	11.2	10.9	10.8	10.8	10.8	10.9	11.2	11.3	11.2	11.0	10.8
47.5°	14.0	13.1	12.6	12.6	12.6	13.1	14.0	14.6	14.9	14.8	14.3
45°	21.8	21.6	21.4	21.6	21.4	21.6	21.8	21.7	22.2	21.6	19.3
42.5°	36.6	37.1	36.5	34.2	36.5	37.1	36.6	35.2	37.6	37.6	35.5
40°	60.4	58.1	55.0	54.1	55.0	58.1	60.4	60.4	62.8	63.5	62.1
37.5°	112.2	112.1	109.5	108.1	109.5	112.1	112.2	110.8	108.1	95.0	98.7
35°	236.0	234.1	221.2	209.1	221.2	234.1	236.0	244.1	232.0	182.8	209.7
32.5°	612.9	645.3	642.3	623.6	642.3	645.3	612.9	598.5	555.8	516.1	488.6
30°	1303.8	1361.9	1349.6	1272.4	1349.6	1361.9	1303.8	1254.6	1127.0	1051.9	954.6
27.5°	2694.7	2830.9	2950.9	2793.5	2950.9	2830.9	2694.7	2665.2	2110.1	2342.2	1763.6
25°	9217.4	10103.8	10628.2	9813.2	10628.2	10103.8	9217.4	7663.3	6111.1	6038.0	4985.6
22.5°	21998.2	23102.9	23692.3	24029.2	23692.3	23102.9	21998.2	19659.5	16740.2	13736.5	11562.4
20°	40352.2	42714.3	44227.4	41179.3	44227.4	42714.3	40352.2	36077.5	31661.4	25410.2	20906.9
17.5°	68363.6	77075.1	81661.7	84153.7	81661.7	77075.1	68363.6	58335.4	51106.6	41762.3	32659.2
15°	103786.7	114933.0	122460.0	125406.9	122460.0	114933.0	103786.7	90529.8	73352.0	59146.6	45609.3
12.5°	137279.6	148781.0	155725.8	157471.4	155725.8	148781.0	137279.6	119810.1	97747.3	76400.8	58467.2
10°	161102.1	171939.0	179927.9	182732.5	179927.9	171939.0	161102.1	145205.4	120011.2	94811.9	68237.1
7.5°	174364.2	187031.8	194072.9	195825.8	194072.9	187031.8	174364.2	157878.8	134673.0	107408.1	79329.6
5°	181996.8	193442.2	201139.0	202072.3	201139.0	193442.2	181996.8	165426.9	143344.7	116548.6	86585.1
2.5°	186918.1	198111.4	204587.2	206490.5	204587.2	198111.4	186918.1	169980.7	148895.1	122440.4	90478.7
0°	188125.7	198417.3	206240.8	208675.7	206240.8	198417.3	188125.7	172349.8	151611.4	124541.8	92182.6
-2.5°	184469.3	194397.5	199608.9	200453.9	199608.9	194397.5	184469.3	168944.5	148087.2	122761.0	91319.3
-5°	175131.7	182474.4	188490.6	189260.2	188490.6	182474.4	175131.7	159505.9	139879.1	114595.9	85042.0
-7.5°	155297.4	163534.2	166861.7	167762.2	166861.7	163534.2	155297.4	143512.5	125800.3	102471.7	75642.6
-10°	134193.9	141250.3	143607.5	144880.1	143607.5	141250.3	134193.9	123223.1	106476.1	85500.8	62491.1
-12.5°	113533.5	120433.6	122752.2	124594.1	122752.2	120433.6	113533.5	101400.7	86154.2	67489.1	51490.4
-15°	90385.3	97180.0	100925.9	102999.7	100925.9	97180.0	90385.3	78531.4	64698.0	51949.4	40073.9
-17.5°	67824.9	74277.8	78637.7	81174.6	78637.7	74277.8	67824.9	57229.3	48880.6	39787.4	31193.0
-20°	51427.3	55794.7	59149.9	61140.9	59149.9	55794.7	51427.3	45362.4	38674.4	31694.1	25320.7



REPORT NUMBER: P1306145 (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°	40172.4	43197.2	45140.9	46413.0	45140.9	43197.2	40172.4	36165.0	31027.2	25660.5	21086.8
-25°	31397.2	33382.4	34639.3	35668.1	34639.3	33382.4	31397.2	28670.7	25073.0	21581.2	18237.4
-27.5°	24859.9	25924.2	26479.8	27235.4	26479.8	25924.2	24859.9	23234.1	21232.3	18194.3	15270.2
-30°	19984.8	20801.6	21243.2	21407.0	21243.2	20801.6	19984.8	18679.9	16910.3	14730.0	12434.5
-32.5°	16084.5	16856.0	17413.3	17674.5	17413.3	16856.0	16084.5	14940.5	13419.0	11693.6	9912.0
-35°	12832.3	13476.0	13915.2	14156.6	13915.2	13476.0	12832.3	11830.9	10540.5	9146.7	7538.7
-37.5°	9492.5	10198.8	10682.3	10847.7	10682.3	10198.8	9492.5	8572.7	7461.9	6334.0	5114.2
-40°	5824.0	6273.9	6564.2	6686.3	6564.2	6273.9	5824.0	5220.6	4462.8	3597.8	3000.7
-42.5°	3152.5	3317.6	3432.3	3498.1	3432.3	3317.6	3152.5	2935.7	2657.8	2318.4	2045.5
-45°	2188.3	2230.1	2256.6	2267.2	2256.6	2230.1	2188.3	2135.7	2054.4	1954.8	1845.8
-47.5°	1995.0	2040.2	2064.2	2065.4	2064.2	2040.2	1995.0	1943.2	1872.4	1783.7	1688.3
-50°	1807.0	1856.1	1880.9	1883.3	1880.9	1856.1	1807.0	1748.6	1674.7	1584.9	1493.8
-52.5°	1569.4	1608.3	1625.3	1623.8	1625.3	1608.3	1569.4	1527.6	1481.7	1422.8	1360.6
-55°	1410.8	1434.0	1444.4	1445.4	1444.4	1434.0	1410.8	1384.1	1353.3	1301.1	1245.9
-57.5°	1282.2	1299.4	1305.4	1304.8	1305.4	1299.4	1282.2	1262.7	1240.9	1201.1	1159.3
-60°	1172.2	1190.8	1196.0	1193.1	1196.0	1190.8	1172.2	1149.8	1124.1	1081.8	1031.5
-62.5°	989.0	1006.1	1014.6	1016.5	1014.6	1006.1	989.0	966.6	939.2	894.7	840.1
-65°	741.2	754.0	760.8	762.3	760.8	754.0	741.2	723.5	701.0	666.8	623.6
-67.5°	503.4	512.1	514.8	513.6	514.8	512.1	503.4	491.2	475.4	453.2	424.3
-70°	317.7	323.8	325.3	324.4	325.3	323.8	317.7	309.7	299.7	286.4	268.6
-72.5°	191.9	195.5	195.8	194.6	195.8	195.5	191.9	187.1	181.2	173.4	162.6
-75°	101.1	101.7	101.6	100.9	101.6	101.7	101.1	99.9	97.9	94.9	90.1
-77.5°	53.9	55.4	54.9	54.1	54.9	55.4	53.9	52.2	50.4	48.4	45.8
-80°	30.3	30.5	30.6	30.6	30.6	30.5	30.3	30.1	29.8	29.3	28.0
-82.5°	22.7	23.3	22.5	21.6	22.5	23.3	22.7	22.1	21.5	20.8	20.1
-85°	14.3	14.4	14.4	14.4	14.4	14.4	14.3	14.2	14.1	14.0	13.4
-87.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.5
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	2.1	2.4	2.5	2.6	2.5	2.3	2.2	2.0
80°	2.5	2.8	2.9	3.0	3.2	3.4	3.6	3.6	3.6	3.5	3.2
77.5°	2.8	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
75°	3.3	3.4	3.7	4.0	4.0	3.7	3.6	3.6	3.6	3.6	3.5
72.5°	5.8	5.8	5.8	6.0	6.1	6.4	6.5	6.2	5.5	4.4	3.6
70°	8.5	9.2	10.3	11.4	11.8	11.9	11.5	10.9	10.2	9.4	7.5
67.5°	9.5	10.5	12.8	15.3	16.9	17.9	17.7	16.8	15.7	14.7	11.9
65°	9.9	10.7	13.6	16.8	19.7	22.4	24.6	24.7	23.5	21.1	16.2
62.5°	9.8	10.6	13.4	16.3	19.7	24.6	30.4	33.0	33.2	29.0	22.5
60°	8.3	9.4	11.9	14.7	17.7	24.7	33.6	40.4	44.8	38.2	29.0
57.5°	7.2	8.0	10.2	12.7	15.4	23.3	33.7	45.3	52.9	44.0	35.6
55°	7.3	7.9	9.3	10.9	13.2	20.4	29.9	41.3	49.4	46.0	36.8
52.5°	8.9	9.0	9.5	10.2	12.3	16.8	23.4	34.0	39.6	38.0	34.5
50°	10.6	10.6	10.6	10.6	11.9	14.0	18.6	25.9	28.6	30.0	28.4
47.5°	14.1	13.9	12.8	12.3	13.4	13.1	15.6	18.7	22.3	22.6	22.7
45°	21.0	21.1	18.6	18.9	19.1	18.6	16.0	18.4	20.1	20.7	18.3
42.5°	36.2	35.1	33.1	31.5	30.2	28.7	26.5	25.2	23.4	22.3	22.3
40°	58.6	55.2	53.8	50.2	46.1	42.7	44.8	39.3	34.2	28.3	31.5
37.5°	92.9	78.2	88.2	79.7	70.6	70.3	73.5	64.7	50.7	54.5	52.7
35°	175.0	157.4	165.5	149.1	116.3	134.9	122.0	103.2	92.5	99.9	87.3
32.5°	403.0	389.6	335.9	295.1	267.3	247.9	216.9	166.4	173.5	169.2	144.5
30°	908.0	857.1	672.2	633.3	603.2	442.0	354.4	328.1	301.9	257.8	217.4
27.5°	2153.6	1805.3	1492.3	1514.1	1217.2	880.1	644.0	528.8	464.3	389.2	315.2
25°	5136.6	4339.0	3701.3	3325.9	2539.4	1726.5	1206.1	865.2	669.2	552.1	454.6
22.5°	10116.4	8737.0	7301.6	6004.6	4667.5	3424.5	2293.9	1305.3	895.3	737.5	618.5
20°	16514.7	13921.0	11688.7	9493.3	7423.0	5415.5	3753.1	2158.1	1258.7	928.2	779.2
17.5°	25154.4	19789.4	16078.7	13009.4	10444.5	7980.2	5334.3	3097.2	1600.8	1113.0	932.5
15°	34493.1	26066.8	20496.8	16680.4	13260.8	9708.6	6715.5	3988.6	2056.7	1357.1	1081.9
12.5°	43444.8	32522.4	24550.1	19363.9	15038.5	11178.4	8051.9	5122.7	2748.4	1577.5	1173.6
10°	50501.1	37808.5	28016.9	21686.9	16815.8	12519.5	9089.0	5914.6	3191.1	1750.1	1250.9
7.5°	57003.3	41817.6	30792.3	23421.8	18309.5	13758.5	9899.4	6468.1	3472.1	1896.5	1314.6
5°	61087.4	44734.6	32790.2	24399.6	19321.5	14777.4	10619.7	6850.7	3609.5	2014.4	1365.6
2.5°	63241.2	46344.9	34076.4	24889.4	19877.4	15443.6	11187.1	7115.7	3692.5	2063.2	1384.9
0°	64922.0	47074.4	34174.0	24993.4	19970.6	15562.3	11530.7	7245.0	3716.2	2070.8	1394.9
-2.5°	63570.1	46390.6	33851.7	24687.7	19668.4	15296.3	11407.6	7442.5	3827.3	2101.1	1402.8
-5°	59737.9	43793.2	31713.5	23208.1	18485.6	14425.7	10794.4	7193.3	3788.7	2083.6	1401.0
-7.5°	54108.9	39579.1	28663.5	21308.4	16936.4	13209.1	9827.6	6516.8	3545.0	1974.2	1361.0
-10°	46048.5	33915.0	24649.6	18900.4	15028.0	11798.6	8746.0	5732.9	3202.7	1833.4	1312.5
-12.5°	38152.2	27950.8	20397.2	16039.8	12700.3	9985.6	7445.9	4846.8	2761.8	1662.7	1256.2
-15°	29470.1	22137.3	17325.7	13609.3	10476.9	8229.9	6094.8	3863.1	2229.8	1471.3	1192.7
-17.5°	23966.5	17903.6	14555.3	11722.7	9084.4	6702.0	4894.3	3177.3	1902.7	1336.4	1146.7
-20°	19830.4	16105.9	12886.1	10283.5	7989.1	5848.8	3931.6	2497.0	1657.7	1281.3	1114.2



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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°	17641.1	14624.8	11726.2	9093.2	6941.1	4953.6	3234.2	1977.6	1396.0	1224.0	1075.4
-25°	15428.7	12980.3	10424.2	7998.6	5828.1	3900.2	2463.3	1704.1	1336.1	1170.5	1029.7
-27.5°	12931.5	10833.8	8832.5	6588.1	4549.8	2966.8	1952.5	1451.7	1283.5	1129.5	976.0
-30°	10332.6	8610.2	6844.1	4968.3	3375.8	2187.5	1593.6	1386.7	1231.7	1082.5	927.0
-32.5°	8035.6	6489.4	4913.1	3504.2	2369.3	1754.4	1488.7	1318.8	1176.5	1022.5	899.6
-35°	5950.9	4538.2	3257.1	2408.6	1816.5	1584.5	1414.7	1262.8	1104.5	964.7	874.1
-37.5°	3858.3	2863.4	2277.1	1799.4	1646.6	1493.1	1345.7	1184.8	1026.8	930.4	846.2
-40°	2487.6	1966.9	1805.5	1663.4	1532.7	1408.7	1247.2	1089.5	991.5	893.3	815.6
-42.5°	1915.1	1783.8	1659.7	1540.9	1418.6	1277.4	1142.7	1050.4	956.5	865.0	796.3
-45°	1742.5	1635.7	1524.3	1404.8	1277.1	1180.1	1099.1	1010.8	921.7	848.4	782.6
-47.5°	1583.2	1477.5	1370.0	1282.3	1199.0	1120.5	1046.8	970.3	900.4	830.2	729.7
-50°	1412.6	1339.7	1267.6	1197.5	1126.7	1056.5	998.6	945.4	864.4	766.5	665.3
-52.5°	1296.0	1234.7	1173.6	1112.6	1062.4	1012.2	959.2	878.2	789.1	685.1	580.8
-55°	1188.0	1141.7	1100.0	1058.9	1011.5	938.0	863.4	779.6	685.4	585.8	491.2
-57.5°	1118.0	1070.1	1012.1	954.8	898.8	819.4	732.9	649.5	570.8	482.6	397.7
-60°	977.1	921.3	861.2	797.5	730.8	658.9	587.9	517.8	449.1	377.9	307.2
-62.5°	782.8	723.3	671.1	617.4	561.7	503.3	444.3	387.9	330.9	273.1	226.3
-65°	578.7	532.4	487.9	446.4	402.9	357.7	309.3	268.6	232.1	193.9	155.7
-67.5°	392.8	358.8	324.6	293.0	267.2	240.1	210.4	178.9	155.6	136.1	115.3
-70°	249.1	228.1	207.3	186.6	169.9	155.6	139.7	123.3	107.1	91.8	75.7
-72.5°	151.4	140.0	129.1	118.5	107.3	97.0	86.0	74.1	61.8	49.1	39.9
-75°	84.6	78.3	71.3	63.9	55.6	46.5	41.4	38.3	34.8	31.1	27.2
-77.5°	43.0	40.2	37.3	35.0	32.7	30.5	28.2	25.5	23.5	21.6	19.9
-80°	26.7	25.5	24.3	23.5	22.6	21.6	20.3	18.9	17.5	16.2	15.2
-82.5°	19.4	18.6	17.7	16.9	16.0	15.0	14.1	13.3	12.6	12.0	11.4
-85°	12.8	12.2	11.6	11.0	10.5	10.0	9.5	9.1	8.7	8.2	7.6
-87.5°	8.0	7.5	7.0	6.9	6.8	6.7	6.5	6.1	5.7	5.3	4.9
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8
80°	2.7	2.3	2.0	1.8	1.9	1.8	1.8	1.8	2.1	2.1	2.1
77.5°	3.0	2.6	2.1	1.9	2.2	2.3	2.2	2.1	2.3	2.5	2.5
75°	3.0	2.5	2.1	2.0	2.4	2.8	2.9	2.8	2.7	2.8	2.9
72.5°	3.4	3.0	2.4	2.0	2.5	2.9	3.3	3.5	3.2	3.1	3.3
70°	5.5	4.0	3.3	2.9	2.8	3.0	3.4	3.6	3.6	3.4	3.4
67.5°	9.1	6.8	5.0	3.8	3.3	3.3	3.5	3.6	3.6	3.6	3.5
65°	12.9	9.8	7.0	5.2	4.0	3.5	3.6	3.6	3.6	3.6	3.6
62.5°	17.1	13.0	9.7	6.8	4.8	3.9	3.6	3.6	3.6	3.6	3.6
60°	21.5	16.2	12.3	9.0	6.0	4.0	3.6	3.6	3.6	3.6	3.6
57.5°	26.4	19.0	14.7	11.0	7.7	4.8	3.6	3.6	3.6	3.6	3.6
55°	29.5	22.3	17.1	12.9	9.3	6.1	4.1	3.6	3.6	3.6	3.6
52.5°	28.1	24.1	19.9	14.8	10.7	7.5	5.5	3.6	3.6	3.6	3.6
50°	24.3	23.8	21.5	17.0	12.0	9.1	6.9	4.7	3.6	3.6	3.6
47.5°	21.9	22.7	21.7	18.6	13.7	10.7	8.4	5.9	3.6	3.6	3.6
45°	20.8	21.2	21.4	19.2	15.8	12.7	10.0	7.0	4.6	3.7	3.6
42.5°	21.5	21.6	20.5	20.0	17.7	14.6	11.6	8.5	5.6	3.8	3.7
40°	29.1	24.2	20.9	21.5	19.9	16.3	13.2	10.0	6.6	4.2	3.8
37.5°	40.0	32.1	24.7	26.8	23.2	18.5	14.6	11.6	7.7	5.1	4.0
35°	67.1	44.9	41.4	39.3	30.8	21.0	15.8	13.0	9.2	6.0	4.2
32.5°	102.0	78.8	74.6	59.8	41.1	23.8	17.7	14.3	10.5	6.9	4.4
30°	168.8	148.4	118.7	85.6	56.6	33.5	20.7	15.8	11.8	7.7	4.8
27.5°	277.8	231.7	176.3	126.4	81.5	46.0	25.4	17.7	13.0	8.5	5.5
25°	397.3	333.2	256.6	177.3	109.8	71.6	30.8	19.8	14.4	9.5	6.1
22.5°	529.4	442.9	345.9	234.6	157.2	104.3	44.2	24.0	15.9	10.5	6.7
20°	667.1	557.3	438.1	293.6	211.2	145.2	68.0	28.6	17.5	11.3	7.2
17.5°	809.0	658.4	506.8	358.7	263.2	187.8	95.5	33.5	19.2	12.1	7.7
15°	905.2	736.8	572.0	418.2	310.1	231.7	125.8	38.6	21.0	12.8	8.3
12.5°	982.3	811.4	633.1	472.2	352.4	276.1	157.7	43.7	22.7	14.0	9.1
10°	1051.1	881.4	689.9	520.8	390.6	320.3	190.3	49.1	25.7	15.6	9.9
7.5°	1112.0	946.0	741.7	564.0	421.8	351.7	211.1	54.6	29.0	17.2	10.6
5°	1159.1	993.2	775.8	583.4	432.0	367.7	226.8	59.8	32.1	18.7	11.3
2.5°	1173.2	1015.2	796.6	595.1	440.4	380.2	238.8	64.4	35.1	20.2	12.0
0°	1180.5	1029.1	811.0	601.9	447.0	389.3	246.9	68.5	37.8	21.6	12.6
-2.5°	1186.5	1033.5	818.6	614.1	460.5	396.4	260.4	88.3	51.0	29.0	16.0
-5°	1186.5	1030.3	819.7	621.6	471.9	400.6	270.4	107.1	63.7	36.2	19.2
-7.5°	1162.4	1007.7	808.8	624.1	480.9	402.4	277.1	124.6	75.5	42.8	22.2
-10°	1128.3	971.0	784.9	620.3	492.3	408.3	282.0	140.4	86.1	48.7	24.9
-12.5°	1088.7	928.9	759.9	614.7	503.4	417.8	289.6	154.3	95.2	53.7	27.3
-15°	1043.8	882.2	735.3	608.3	513.7	425.7	293.4	165.8	102.2	57.7	29.4
-17.5°	998.9	831.5	712.5	601.7	523.5	432.3	293.5	174.3	107.5	60.8	31.3
-20°	962.3	800.0	693.7	595.8	533.0	437.8	289.8	179.5	110.8	62.8	33.0



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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°	920.4	786.9	686.8	600.5	539.1	442.6	282.3	181.0	112.0	63.5	34.1
-25°	875.3	773.0	679.6	605.3	539.9	430.7	277.4	178.8	110.9	62.8	34.6
-27.5°	849.2	759.3	670.6	606.5	530.0	414.4	274.1	177.2	108.5	60.7	34.4
-30°	831.5	746.9	666.9	600.9	516.3	384.8	265.6	172.7	105.9	59.3	33.5
-32.5°	813.6	733.0	660.9	582.8	485.9	353.7	248.7	164.9	101.3	58.2	32.8
-35°	793.0	719.3	649.2	560.1	448.4	329.6	229.2	153.8	94.7	56.0	31.7
-37.5°	769.3	705.0	620.2	526.6	409.8	301.6	211.0	140.2	86.0	52.9	30.0
-40°	753.9	681.6	588.5	483.6	373.6	269.8	189.4	126.4	79.9	48.7	27.6
-42.5°	736.2	642.5	543.3	439.4	334.7	242.2	165.4	110.7	72.9	44.8	24.7
-45°	688.6	593.4	489.9	389.9	293.0	210.9	145.6	94.2	64.8	40.7	22.0
-47.5°	632.0	530.1	431.8	336.5	253.8	178.7	123.4	84.2	56.0	35.7	20.0
-50°	558.0	462.1	369.5	286.4	210.3	151.2	102.1	73.2	48.8	29.5	17.6
-52.5°	481.7	390.2	309.6	235.6	174.3	121.3	88.7	61.6	40.7	25.0	14.9
-55°	400.4	321.8	251.0	190.6	138.1	101.7	74.3	51.3	31.9	21.2	12.1
-57.5°	322.9	254.6	198.9	147.8	111.1	84.0	60.3	40.0	26.2	17.2	11.5
-60°	245.4	196.5	148.7	116.3	89.6	66.4	46.2	30.1	21.4	13.7	10.8
-62.5°	181.2	142.1	116.2	90.6	68.7	49.2	32.8	24.5	16.5	12.7	9.9
-65°	131.9	108.7	86.3	66.8	48.4	34.0	26.3	18.7	14.3	11.5	9.1
-67.5°	94.6	76.5	59.9	43.2	33.6	26.3	19.4	15.7	12.9	10.3	8.2
-70°	60.1	45.6	37.7	31.1	24.5	18.9	16.4	13.8	11.3	9.3	7.2
-72.5°	35.6	31.1	26.1	21.0	18.7	16.5	14.1	11.9	10.1	8.2	6.3
-75°	23.3	21.3	19.8	18.1	16.0	14.0	12.1	10.6	8.8	7.1	5.6
-77.5°	18.6	17.4	16.4	14.9	13.1	11.5	10.3	9.2	7.6	6.3	5.1
-80°	14.4	13.4	12.3	11.0	9.9	9.0	8.4	7.8	6.5	5.4	4.4
-82.5°	10.4	9.5	8.7	8.0	7.6	7.2	6.8	6.3	5.4	4.5	4.0
-85°	7.1	6.7	6.3	5.9	5.7	5.4	5.3	5.1	4.6	4.2	3.9
-87.5°	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.1	3.9	3.7
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.9	2.0	2.0	2.0	2.7	3.6
85°	1.8	2.0	2.1	2.2	2.1	2.8	3.6
82.5°	1.8	2.1	2.3	2.3	2.3	2.8	3.6
80°	1.9	2.2	2.4	2.5	2.4	2.9	3.6
77.5°	2.4	2.4	2.6	2.7	2.6	2.9	3.6
75°	2.8	2.7	2.8	2.9	2.8	3.0	3.6
72.5°	3.2	3.0	2.9	3.1	2.9	3.0	3.6
70°	3.6	3.2	3.1	3.2	3.1	3.0	3.6
67.5°	3.6	3.5	3.2	3.3	3.2	3.1	3.6
65°	3.6	3.6	3.4	3.4	3.3	3.1	3.6
62.5°	3.6	3.6	3.5	3.4	3.5	3.2	3.6
60°	3.6	3.6	3.6	3.5	3.6	3.2	3.6
57.5°	3.6	3.6	3.6	3.5	3.6	3.2	3.6
55°	3.6	3.6	3.6	3.5	3.6	3.3	3.6
52.5°	3.6	3.6	3.6	3.6	3.6	3.3	3.6
50°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
47.5°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
45°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
42.5°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
40°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
37.5°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
35°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
32.5°	3.7	3.6	3.6	3.6	3.6	3.5	3.6
30°	3.8	3.6	3.6	3.6	3.6	3.5	3.6
27.5°	4.0	3.6	3.6	3.6	3.6	3.6	3.6
25°	4.3	3.6	3.6	3.6	3.6	3.6	3.6
22.5°	4.5	3.6	3.6	3.6	3.6	3.6	3.6
20°	4.7	3.8	3.6	3.6	3.6	3.6	3.6
17.5°	5.0	3.9	3.6	3.6	3.6	3.6	3.6
15°	5.4	4.1	3.6	3.6	3.6	3.6	3.6
12.5°	5.7	4.3	3.6	3.6	3.6	3.6	3.6
10°	6.1	4.5	3.6	3.6	3.6	3.6	3.6
7.5°	6.4	4.8	3.6	3.6	3.6	3.6	3.6
5°	6.7	5.0	3.6	3.6	3.6	3.6	3.6
2.5°	6.9	5.2	3.6	3.6	3.6	3.6	3.6
0°	7.2	5.4	3.6	3.6	3.6	3.6	3.6
-2.5°	8.9	6.0	3.8	3.6	3.6	3.6	3.6
-5°	10.5	6.5	3.9	3.6	3.6	3.6	3.6
-7.5°	12.0	7.1	4.1	3.6	3.6	3.6	3.6
-10°	13.4	7.5	4.2	3.6	3.6	3.6	3.6
-12.5°	14.6	7.9	4.3	3.6	3.6	3.6	3.6
-15°	15.6	8.2	4.4	3.6	3.6	3.6	3.6
-17.5°	16.4	8.5	4.5	3.6	3.6	3.6	3.6
-20°	17.1	8.6	4.5	3.6	3.6	3.6	3.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.7	8.6	4.6	3.6	3.6	3.6	3.6
-25°	18.0	8.7	4.6	3.6	3.6	3.6	3.6
-27.5°	17.9	8.6	4.5	3.6	3.6	3.6	3.6
-30°	17.5	8.5	4.5	3.6	3.6	3.6	3.6
-32.5°	16.6	8.1	4.5	3.6	3.6	3.6	3.6
-35°	15.9	7.6	4.5	3.6	3.6	3.6	3.6
-37.5°	15.3	7.2	4.5	3.6	3.6	3.6	3.6
-40°	14.4	7.2	4.5	3.6	3.6	3.6	3.6
-42.5°	13.2	7.1	4.5	3.6	3.6	3.6	3.6
-45°	11.8	7.0	4.6	3.7	3.6	3.6	3.6
-47.5°	10.2	6.8	4.6	3.7	3.6	3.6	3.6
-50°	9.6	6.6	4.6	3.7	3.6	3.6	3.6
-52.5°	9.3	6.4	4.6	3.7	3.6	3.6	3.6
-55°	8.9	6.2	4.5	3.7	3.6	3.6	3.6
-57.5°	8.4	6.0	4.4	3.7	3.6	3.6	3.6
-60°	7.9	5.7	4.3	3.7	3.6	3.6	3.6
-62.5°	7.4	5.4	4.2	3.7	3.6	3.6	3.6
-65°	6.8	5.0	4.1	3.7	3.6	3.6	3.6
-67.5°	6.1	4.7	4.0	3.7	3.6	3.6	3.6
-70°	5.3	4.5	3.9	3.6	3.6	3.6	3.6
-72.5°	4.9	4.2	3.8	3.6	3.6	3.6	3.6
-75°	4.5	4.0	3.6	3.6	3.6	3.6	3.6
-77.5°	4.1	3.7	3.6	3.6	3.6	3.6	3.6
-80°	3.7	3.6	3.6	3.6	3.6	3.6	3.6
-82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-90°	1.8	1.8	1.8	1.8	1.8	2.7	3.6

(END OF REPORT)