

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: P1306247 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

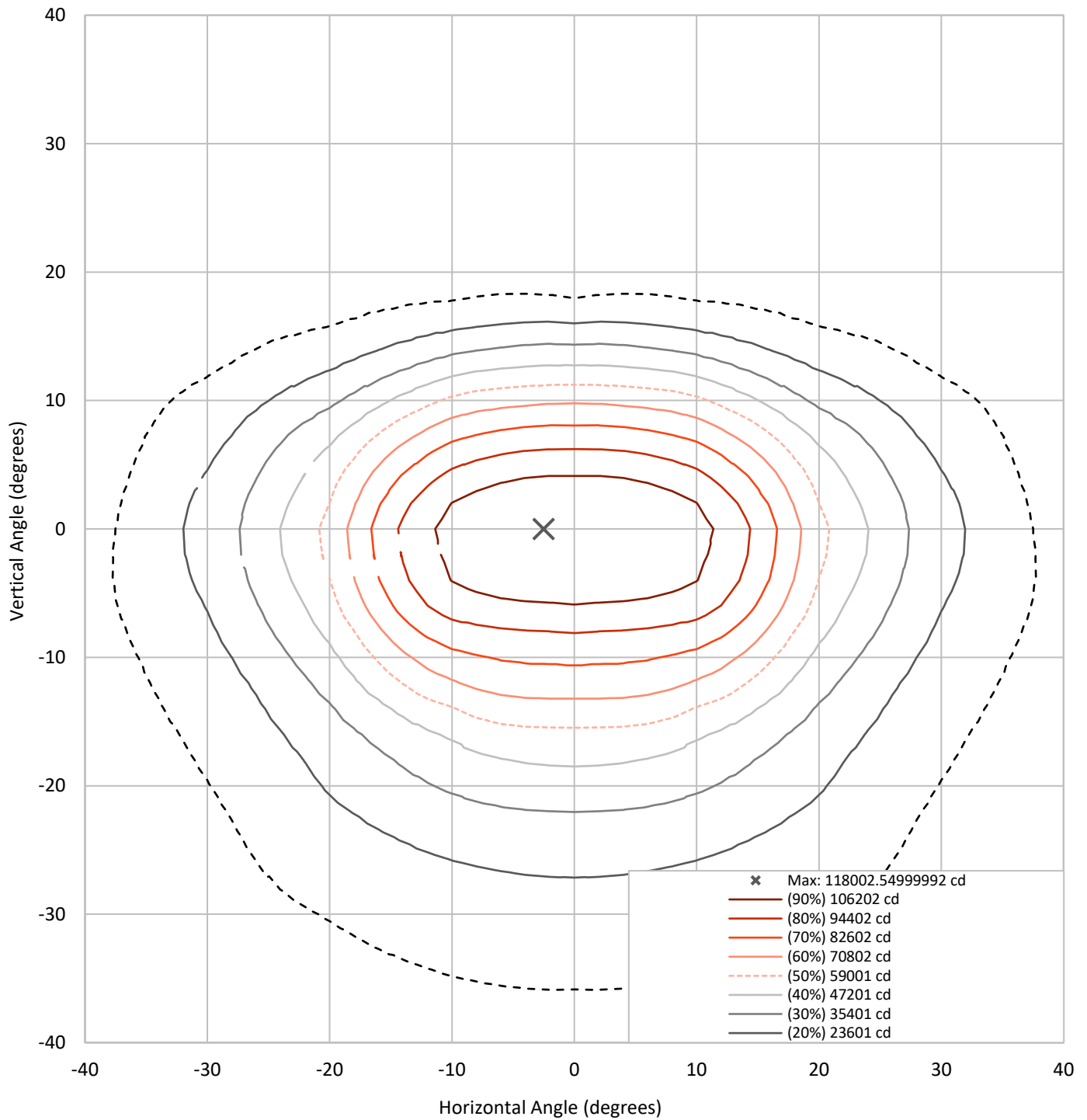
Test Method: LM-79-08
Report Number: P1306247 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	46759.2 lumens	Max Intensity:	118002.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	23174.9 lumens	Field Lumens:	41916.1 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
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





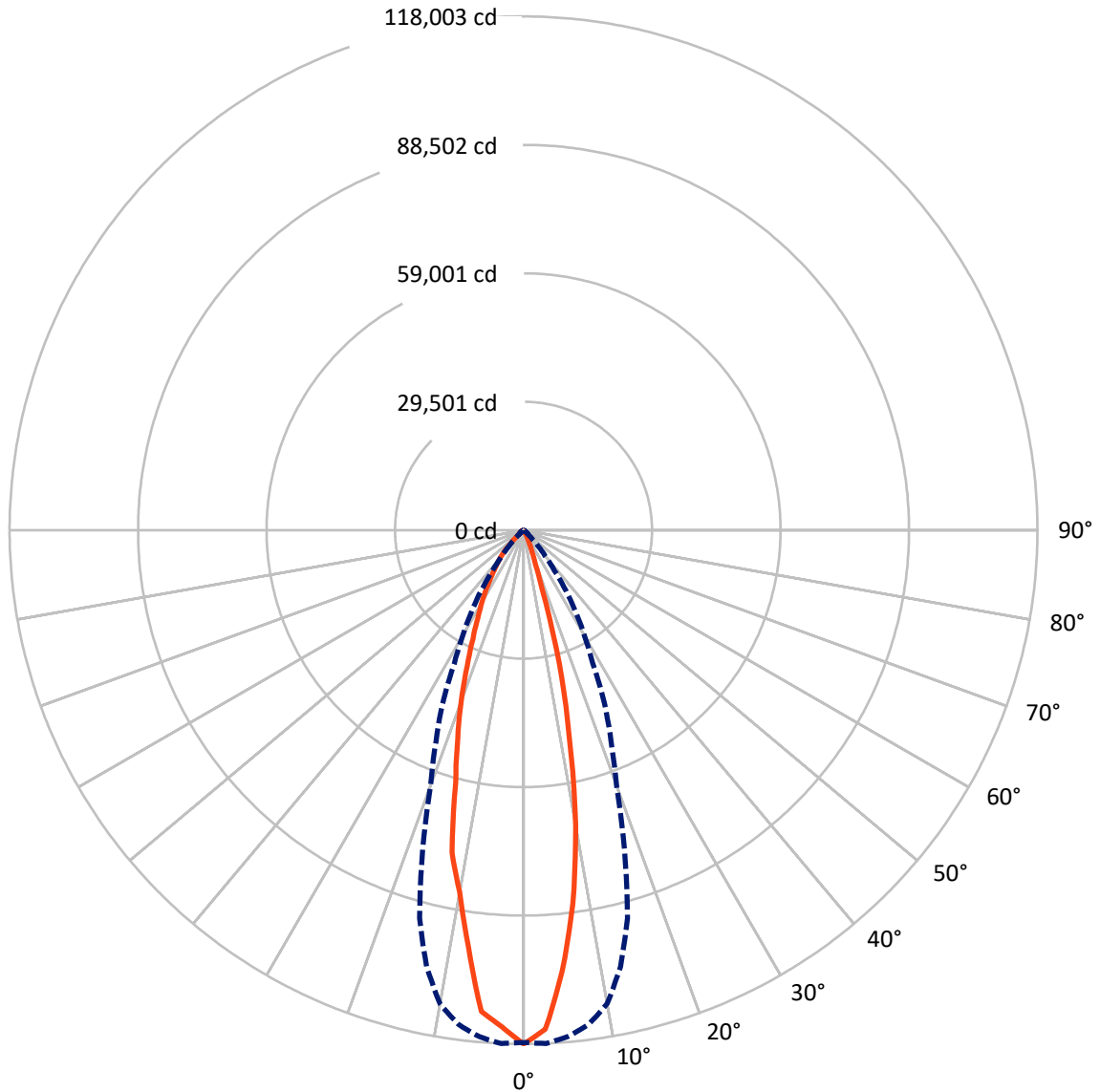
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Lumen Table

90	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2										
80	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2										
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2			
60		0.1	0.2	0.6	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.6	0.2	0.1				
50	0.2	0.1	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.1	0.2			
40		0.2	0.5	0.8	1.8	3.9	6.1	8.3	8.3	6.1	3.9	1.8	0.8	0.5	0.2				
30	0.2	0.3	1.3	3.3	15.1	34.5	64.7	91.8	91.8	64.7	34.5	15.1	3.3	1.3	0.3	0.2			
20		0.8	4.6	20.5	118.8	315.6	648.5	960.1	960.1	648.5	315.6	118.8	20.5	4.6	0.8				
10	0.3	1.5	9.9	61.5	347.7	990.4	2128.7	2932.3	2932.3	2128.7	990.4	347.7	61.5	9.9	1.5	0.3			
0		2.0	12.1	76.2	397.0	1083.4	2379.8	3161.4	3161.4	2379.8	1083.4	397.0	76.2	12.1	2.0				
-10	0.4	2.2	10.8	48.8	252.4	651.0	1319.1	1836.7	1836.7	1319.1	651.0	252.4	48.8	10.8	2.2	0.4			
-20		2.0	9.1	22.7	132.8	371.9	650.1	841.4	841.4	650.1	371.9	132.8	22.7	9.1	2.0				
-30	0.3	1.6	6.8	14.8	44.4	169.3	302.1	384.9	384.9	302.1	169.3	44.4	14.8	6.8	1.6	0.3			
-40		1.0	4.3	11.0	20.1	36.4	79.9	117.3	117.3	79.9	36.4	20.1	11.0	4.3	1.0				
-50	0.2	0.5	2.1	5.9	11.8	18.6	24.0	27.0	27.0	24.0	18.6	11.8	5.9	2.1	0.5	0.2			
-60		0.2	0.7	2.1	4.2	7.0	9.9	11.6	11.6	9.9	7.0	4.2	2.1	0.7	0.2				
-70	0.2	0.5	2.1	5.9	11.8	18.6	24.0	27.0	27.0	24.0	18.6	11.8	5.9	2.1	0.5	0.2			
-80		0.2	0.7	2.1	4.2	7.0	9.9	11.6	11.6	9.9	7.0	4.2	2.1	0.7	0.2				
-90	0.2	0.7	2.2	5.6	7.5	5.6	2.2	0.7	0.2										

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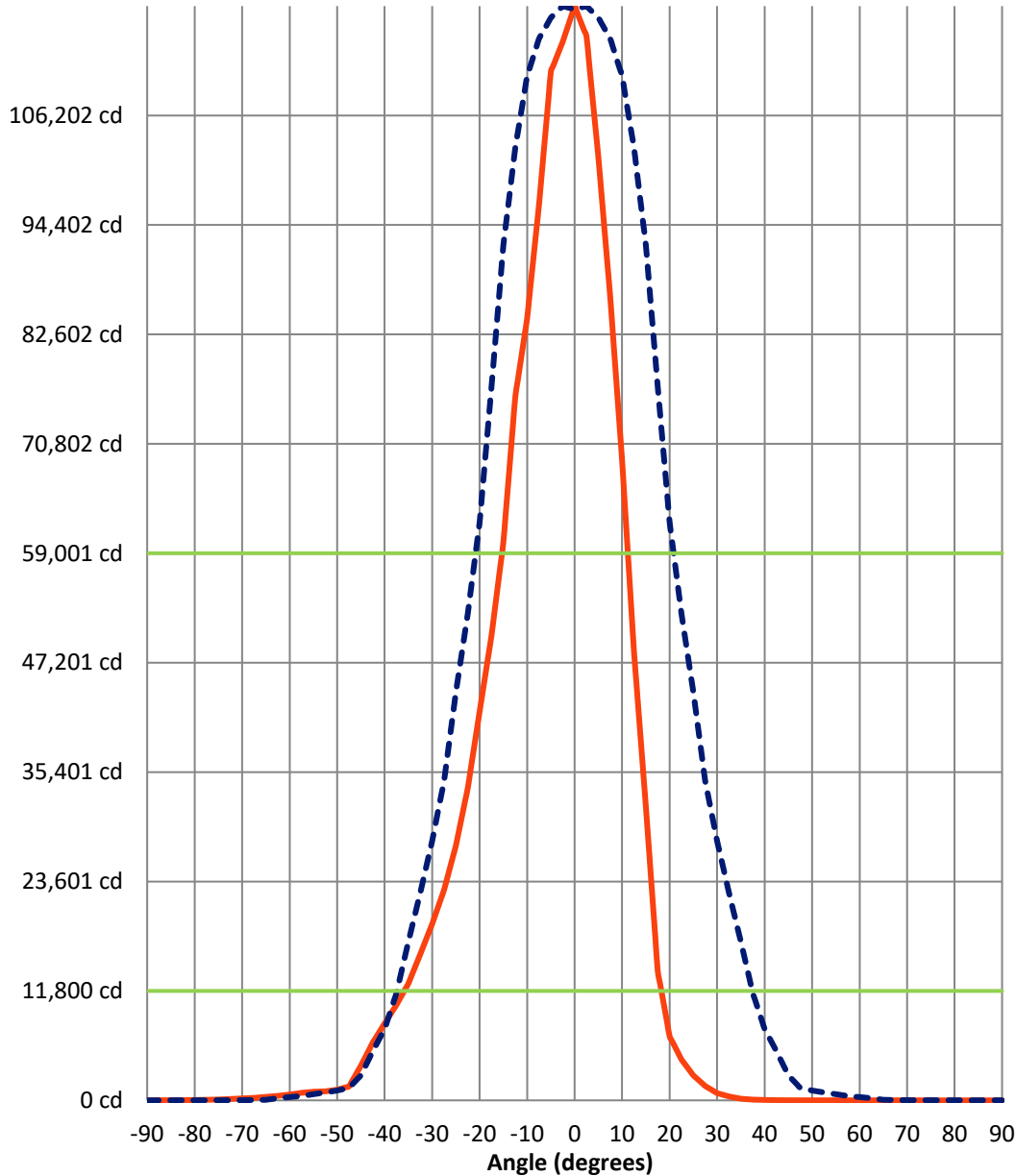
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 23174.9
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 41916.1
 Efficiency: 89.6%

Spill:
 Lumens: 4843.1
 Efficiency: 10.4%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.3	7.4	7.5	7.6	7.6	7.6	7.5	7.4	7.2
85°	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.0	7.8	7.5	7.2
82.5°	7.2	7.3	7.6	7.9	8.1	8.3	8.5	8.4	8.1	7.8	7.7
80°	7.2	7.3	7.8	8.1	8.4	8.7	8.9	8.6	8.4	8.3	8.4
77.5°	7.2	7.4	7.9	8.3	8.7	8.9	8.9	8.7	8.7	8.8	8.9
75°	7.2	7.4	8.0	8.5	8.9	8.9	8.9	8.8	8.9	8.9	8.9
72.5°	7.2	7.4	8.2	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	7.2	7.5	8.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
67.5°	7.2	7.5	8.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
65°	7.2	7.5	8.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	7.2	7.5	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
60°	7.2	7.6	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
57.5°	7.2	7.6	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
55°	7.2	7.6	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
52.5°	7.2	7.6	8.6	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
50°	7.2	7.6	8.6	8.9	8.9	8.9	8.9	9.0	8.9	8.9	9.4
47.5°	7.2	7.6	8.6	8.9	8.9	8.9	8.9	9.1	8.9	8.9	10.0
45°	7.2	7.6	8.6	8.9	8.9	8.9	9.1	9.3	9.1	9.4	10.6
42.5°	7.2	7.6	8.6	8.9	8.9	8.9	9.2	9.5	9.3	9.9	11.3
40°	7.2	7.6	8.6	8.9	8.9	8.9	9.4	9.7	9.7	10.4	11.9
37.5°	7.2	7.6	8.6	8.9	8.9	8.9	9.7	10.0	10.3	11.1	12.3
35°	7.2	7.6	8.6	8.9	8.9	9.0	9.9	10.4	11.0	11.9	12.7
32.5°	7.2	7.6	8.7	8.9	8.9	9.2	10.2	10.7	11.6	12.8	13.8
30°	7.2	7.6	8.7	8.9	8.9	9.4	10.5	11.1	12.2	13.7	15.2
27.5°	7.2	7.5	8.7	8.9	8.9	9.6	10.8	11.7	12.8	14.6	16.7
25°	7.2	7.5	8.7	8.9	8.9	9.8	11.1	12.2	13.6	15.8	18.5
22.5°	7.2	7.5	8.7	8.9	8.9	10.0	11.4	12.6	14.4	17.2	21.8
20°	7.2	7.5	8.8	8.9	8.9	10.1	11.8	13.1	15.2	18.6	25.4
17.5°	7.2	7.4	8.8	8.9	8.9	10.3	12.0	13.5	15.9	20.2	29.4
15°	7.2	7.4	8.8	8.9	8.9	10.4	12.1	13.9	16.7	21.8	33.6
12.5°	7.2	7.4	8.8	8.9	8.9	10.5	12.2	14.0	17.3	23.4	38.0
10°	7.2	7.3	8.9	8.9	8.9	10.6	12.3	14.1	17.9	25.5	42.9
7.5°	7.2	7.3	8.9	8.9	8.9	10.6	12.4	14.2	18.4	27.7	48.6
5°	7.2	7.3	8.9	8.9	8.9	10.7	12.5	14.3	18.9	29.9	54.2
2.5°	7.2	7.2	8.9	8.9	8.9	10.7	12.5	14.3	19.3	32.0	59.5
0°	7.2	7.2	8.9	8.9	8.9	10.7	12.5	14.3	19.7	34.0	64.4
-2.5°	7.2	7.2	8.9	8.9	9.1	10.9	12.7	16.0	24.5	42.7	78.7
-5°	7.2	7.3	8.9	8.9	9.2	11.1	12.9	17.6	29.1	51.0	92.0
-7.5°	7.2	7.3	8.9	8.9	9.4	11.2	13.1	19.0	33.3	58.6	104.0
-10°	7.2	7.3	8.9	8.9	9.5	11.4	13.3	20.3	36.9	65.4	114.6
-12.5°	7.2	7.4	8.8	8.9	9.6	11.5	13.4	21.2	39.9	71.2	122.7
-15°	7.2	7.4	8.8	8.9	9.7	11.6	13.6	21.9	42.5	75.9	128.6
-17.5°	7.2	7.4	8.8	8.9	9.8	11.7	13.6	22.9	44.6	79.4	132.7
-20°	7.2	7.5	8.8	8.9	9.8	11.7	14.1	24.1	45.9	81.5	134.5



REPORT NUMBER: P1306247 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.5	8.7	8.9	9.9	11.8	14.9	25.0	46.3	82.0	134.2
-25°	7.2	7.5	8.7	8.9	9.9	11.8	15.4	25.4	45.7	80.9	131.5
-27.5°	7.2	7.5	8.7	8.9	9.8	11.8	15.7	25.3	44.1	78.8	129.9
-30°	7.2	7.6	8.7	8.9	9.7	11.7	15.6	24.8	43.1	76.8	126.1
-32.5°	7.2	7.6	8.7	8.9	9.6	11.6	15.1	24.6	42.5	73.5	120.0
-35°	7.2	7.6	8.6	8.9	9.5	11.4	14.8	24.2	41.1	68.6	111.5
-37.5°	7.2	7.6	8.6	8.9	9.4	11.1	14.5	23.1	39.1	62.3	99.9
-40°	7.2	7.6	8.6	8.9	9.3	10.9	14.1	21.5	36.4	58.1	89.0
-42.5°	7.2	7.6	8.6	8.9	9.2	10.7	13.5	19.3	33.7	52.9	77.2
-45°	7.2	7.6	8.6	9.0	9.3	10.5	12.8	17.4	30.5	46.9	65.5
-47.5°	7.2	7.6	8.6	9.0	9.3	10.3	12.0	16.4	26.5	40.3	58.1
-50°	7.2	7.6	8.6	9.0	9.4	10.1	11.6	15.2	21.4	34.5	50.0
-52.5°	7.2	7.6	8.6	9.0	9.4	9.8	11.3	13.8	18.5	28.4	41.4
-55°	7.2	7.6	8.6	9.0	9.5	9.9	11.0	12.4	16.6	21.9	34.1
-57.5°	7.2	7.6	8.7	9.0	9.5	9.9	10.6	12.0	14.6	18.6	26.4
-60°	7.2	7.6	8.7	9.0	9.6	10.0	10.4	11.6	12.8	16.3	20.1
-62.5°	7.2	7.5	8.6	9.0	9.5	10.0	10.4	11.2	12.4	13.9	17.5
-65°	7.2	7.5	8.5	9.0	9.4	10.0	10.5	10.9	11.9	13.0	14.8
-67.5°	7.2	7.5	8.4	9.0	9.3	10.0	10.5	10.8	11.4	12.4	13.5
-70°	7.2	7.5	8.3	8.9	9.2	9.8	10.5	10.8	11.2	11.8	12.8
-72.5°	7.2	7.4	8.2	8.7	9.1	9.5	10.2	10.7	11.0	11.5	12.2
-75°	7.2	7.4	8.0	8.5	8.9	9.3	9.8	10.3	10.7	11.0	11.6
-77.5°	7.2	7.4	7.9	8.3	8.7	9.0	9.4	9.8	10.2	10.5	10.9
-80°	7.2	7.3	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.8	10.1
-82.5°	7.2	7.3	7.6	7.9	8.1	8.3	8.5	8.7	8.9	9.2	9.4
-85°	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.6
-87.5°	7.2	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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 CATALOG NUMBER: EPH-08-530N-57-70-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.7	7.6	7.5	7.2	7.2	7.2	7.2	7.4	7.5	7.5	7.4
80°	8.3	8.1	7.9	7.7	7.9	8.2	8.4	8.6	8.5	8.1	7.7
77.5°	8.7	8.5	8.5	8.7	8.9	8.9	8.9	8.9	8.6	8.2	7.7
75°	8.8	8.9	8.9	8.9	8.9	8.9	8.9	9.3	9.4	9.2	9.1
72.5°	8.9	8.9	8.9	8.9	8.9	9.2	9.7	10.3	10.7	10.6	10.5
70°	8.9	8.9	8.9	8.9	9.0	9.6	10.6	11.5	12.1	12.3	13.1
67.5°	8.9	8.9	8.9	9.0	9.7	10.7	11.6	13.4	15.5	16.4	17.6
65°	8.9	8.9	9.1	9.7	10.6	11.9	13.8	16.2	20.9	23.6	24.7
62.5°	8.9	9.0	9.5	10.4	11.5	13.2	16.7	21.9	28.6	32.5	32.2
60°	8.9	9.1	10.0	11.2	12.6	15.3	20.3	27.3	36.3	42.8	38.7
57.5°	8.9	9.5	10.8	12.3	14.4	16.8	23.3	31.9	40.9	50.7	43.3
55°	9.2	10.2	11.8	14.0	16.1	18.3	24.5	32.1	42.2	47.6	40.4
52.5°	9.9	11.0	13.3	15.5	17.5	18.9	21.7	29.1	34.4	38.4	34.5
50°	10.5	12.4	14.6	16.4	17.9	17.8	17.1	22.7	27.0	28.3	28.0
47.5°	11.5	13.6	15.3	16.9	17.1	16.8	15.1	17.7	20.7	22.1	21.2
45°	12.4	14.3	15.8	16.4	16.7	16.1	15.5	14.7	18.0	18.6	17.8
42.5°	13.2	14.8	16.0	16.2	16.9	17.2	17.1	16.6	17.0	17.4	17.2
40°	13.6	15.3	16.3	17.7	18.0	19.6	20.7	20.5	17.5	19.3	19.7
37.5°	14.0	15.8	17.7	21.3	20.9	23.4	25.3	27.9	25.5	23.9	26.8
35°	14.4	16.5	22.5	26.9	27.1	28.6	34.9	38.0	36.0	34.1	37.6
32.5°	15.0	17.4	28.8	33.4	36.0	38.5	47.3	49.0	50.6	51.6	54.4
30°	16.6	23.2	36.1	40.8	46.4	56.0	60.7	62.2	68.7	77.5	101.4
27.5°	19.9	30.8	43.0	50.3	59.1	75.5	81.7	82.6	93.4	116.3	173.8
25°	24.0	48.8	50.4	61.1	77.6	97.3	110.1	122.5	126.6	195.5	332.5
22.5°	33.8	71.8	80.0	72.7	97.4	122.7	150.0	184.6	237.1	316.5	519.7
20°	50.8	97.2	116.9	122.0	128.1	151.6	196.1	265.9	429.9	712.9	982.8
17.5°	70.4	126.3	158.2	184.1	213.3	222.8	251.6	363.1	673.1	1277.9	1985.4
15°	92.0	158.5	202.8	253.6	307.5	349.0	409.4	583.5	1083.5	2058.2	3273.2
12.5°	114.9	193.0	249.9	328.9	408.7	482.8	596.2	968.3	1809.5	3161.5	5004.6
10°	138.3	228.9	298.6	408.1	514.7	622.0	789.9	1408.8	2668.1	4337.3	6581.9
7.5°	164.0	264.1	347.1	489.3	623.5	764.1	986.7	1882.7	3557.1	5423.4	7948.2
5°	189.1	297.0	390.2	554.4	712.5	887.4	1165.3	2363.2	4439.3	6414.1	9187.0
2.5°	212.3	327.9	431.7	613.5	785.7	977.5	1263.5	2561.3	4947.2	7145.3	10408.0
0°	232.7	356.2	470.8	667.7	853.8	1061.5	1349.7	2704.7	5296.6	7705.9	11599.1
-2.5°	241.6	367.0	490.2	684.2	851.0	1048.1	1350.1	2752.3	5596.0	8371.8	12200.7
-5°	247.0	374.7	505.7	694.9	844.2	1028.3	1337.0	2731.2	5645.2	8525.7	11963.1
-7.5°	249.3	379.1	516.7	697.2	827.0	989.0	1277.2	2531.7	5110.1	7819.7	10848.8
-10°	248.6	378.0	512.2	675.4	795.5	936.7	1197.3	2268.9	4490.6	7022.8	9664.5
-12.5°	244.1	371.9	502.2	651.6	764.9	881.7	1105.4	1945.3	3811.5	6159.1	8530.9
-15°	237.7	363.4	488.8	626.6	736.5	825.1	1002.0	1563.1	3103.9	5384.2	7620.6
-17.5°	229.8	352.6	472.3	601.7	711.6	768.1	891.5	1180.8	2471.0	4554.2	6704.0
-20°	220.7	339.8	452.8	577.6	688.6	730.6	832.8	1064.6	1953.8	3629.3	5709.0



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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°	210.7	325.2	432.4	552.4	655.3	711.0	781.2	941.7	1393.2	2616.7	4634.6
-25°	204.6	309.6	412.5	519.3	622.2	692.4	728.5	823.7	1053.3	1974.5	3501.1
-27.5°	200.6	294.2	385.7	483.5	589.5	669.3	699.1	764.5	925.8	1308.4	2435.6
-30°	193.6	270.6	356.5	447.0	549.5	632.6	680.4	718.8	816.2	1025.7	1670.5
-32.5°	179.2	245.4	327.3	412.8	505.3	597.6	666.4	703.4	766.4	874.7	1091.4
-35°	162.1	224.7	297.3	376.5	459.7	554.5	635.3	696.5	726.3	801.0	939.8
-37.5°	146.3	202.4	266.0	340.1	418.2	505.5	599.8	668.9	718.2	752.5	851.6
-40°	129.0	178.7	238.5	304.7	376.3	456.3	543.8	629.3	695.0	752.0	796.0
-42.5°	110.9	158.0	211.2	268.1	335.6	408.0	485.3	570.5	655.1	732.2	791.7
-45°	97.1	135.7	183.2	236.3	293.8	359.0	430.1	504.5	592.8	681.4	758.5
-47.5°	82.4	113.9	156.8	202.5	254.0	311.3	373.6	443.6	518.3	603.8	694.3
-50°	68.5	96.8	128.4	170.4	215.1	264.7	319.8	381.1	448.2	519.3	597.9
-52.5°	58.5	78.8	106.4	138.2	177.8	220.3	268.3	321.1	379.0	439.6	503.5
-55°	47.9	65.2	85.2	111.3	141.7	178.7	218.9	265.0	311.4	365.3	414.1
-57.5°	38.2	52.3	68.1	87.1	111.8	138.7	174.1	210.8	252.4	294.5	330.5
-60°	29.2	40.6	53.9	68.3	84.3	107.5	131.3	161.8	195.6	227.8	258.7
-62.5°	20.9	30.3	41.0	52.8	65.8	79.2	98.7	120.2	141.7	168.8	193.7
-65°	18.0	21.5	29.3	39.2	49.1	61.7	74.0	85.7	103.7	121.3	137.7
-67.5°	14.8	17.7	21.1	26.1	35.1	45.3	55.6	66.6	76.9	86.0	96.2
-70°	13.6	14.2	16.5	19.7	23.7	30.0	39.2	48.3	57.2	65.9	73.9
-72.5°	12.8	13.3	13.8	14.3	17.4	21.8	26.5	31.6	37.8	44.8	51.9
-75°	12.0	12.5	12.9	13.2	14.3	15.9	18.2	22.2	26.1	29.7	32.9
-77.5°	11.2	11.6	11.9	12.2	12.9	13.9	15.3	16.9	18.8	20.9	23.1
-80°	10.4	10.7	11.0	11.2	11.6	12.2	12.8	13.6	14.8	16.3	18.0
-82.5°	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.1	11.6	12.3	13.0
-85°	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.8	9.9	10.0
-87.5°	8.0	8.0	8.1	8.2	8.2	8.3	8.3	8.4	8.5	8.5	8.5
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.2	7.6	8.1	8.5	8.9	10.2	11.6	12.9	14.3	13.8	13.4
87.5°	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7
85°	7.2	7.1	7.0	6.9	6.9	6.5	6.1	5.7	5.3	4.5	3.6
82.5°	7.2	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	4.5	3.6
80°	7.3	7.2	7.2	7.2	7.2	6.8	6.4	5.9	5.4	4.6	3.7
77.5°	7.5	7.5	7.5	7.4	7.2	6.8	6.4	5.9	5.5	4.6	3.7
75°	8.9	8.7	8.4	7.9	7.4	6.9	6.4	6.0	5.5	5.0	4.5
72.5°	10.4	10.1	9.5	9.3	8.8	8.4	8.0	7.6	7.0	6.5	6.2
70°	13.7	14.1	13.7	13.1	12.0	10.9	10.2	9.5	8.7	8.0	7.2
67.5°	18.6	18.7	17.7	16.2	14.1	12.2	11.2	10.3	9.3	8.8	8.7
65°	24.4	22.3	20.0	17.6	14.9	12.3	11.4	10.4	9.4	8.9	8.9
62.5°	29.7	24.0	19.3	16.4	14.1	12.3	11.0	9.8	8.5	7.7	7.5
60°	32.0	22.8	16.3	14.2	12.4	10.9	9.6	8.6	7.7	7.1	6.7
57.5°	32.0	21.6	13.8	11.9	10.5	9.3	8.6	8.1	7.6	7.2	6.6
55°	29.1	19.2	11.4	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7
52.5°	23.7	16.9	12.1	10.4	9.9	9.4	8.8	8.3	7.8	7.3	6.8
50°	20.6	15.5	12.3	10.6	10.0	9.5	9.0	8.8	8.8	8.4	8.1
47.5°	17.9	14.2	12.2	10.8	10.6	11.3	11.9	12.0	11.7	11.4	10.9
45°	15.7	13.7	12.7	13.3	13.8	14.9	15.5	15.6	15.6	15.7	15.6
42.5°	15.5	15.6	16.7	18.5	18.3	20.7	21.8	19.3	22.0	23.6	22.2
40°	20.6	21.1	26.0	30.1	33.8	34.4	40.2	41.0	41.8	44.3	44.7
37.5°	30.2	35.4	50.7	62.2	67.0	67.4	75.9	77.6	75.2	85.5	88.5
35°	46.2	70.1	94.8	109.2	117.1	123.2	134.7	147.9	141.7	164.4	172.3
32.5°	82.9	126.5	171.6	169.9	185.1	225.9	241.2	265.1	290.2	328.6	370.6
30°	139.4	257.4	309.5	290.5	333.5	391.8	392.2	459.1	552.5	631.7	751.0
27.5°	314.0	446.2	514.3	544.9	577.4	651.0	742.2	827.4	1064.8	1227.1	1397.7
25°	533.1	715.6	788.6	901.9	1004.6	1072.9	1348.7	1549.9	1891.2	2138.9	2395.2
22.5°	859.6	1101.0	1252.1	1354.5	1700.9	2008.8	2303.5	2741.8	3080.6	3505.6	3825.7
20°	1268.5	1594.4	2149.3	2584.8	2802.3	3456.5	3989.3	4442.4	5043.4	5570.3	6038.9
17.5°	2393.6	2576.7	3736.2	4870.8	5329.4	6175.3	7707.3	8285.4	10015.8	11282.8	11967.1
15°	4334.2	5219.5	6440.7	8332.3	10430.7	12088.4	13540.6	16514.7	19816.3	22743.1	25824.5
12.5°	6853.6	8585.0	10640.3	12954.2	16735.0	19735.2	22948.6	27198.8	32532.4	37174.3	42635.3
10°	9377.5	12303.2	15144.2	18749.8	23525.5	28157.6	32786.1	39517.9	47352.4	54874.4	61378.1
7.5°	11464.4	15430.7	19280.7	24265.5	30770.4	37224.2	43693.2	52596.8	62958.4	71543.2	78923.5
5°	13588.5	18555.5	23071.7	28820.7	36476.5	44336.9	52432.4	63534.4	75773.3	85494.2	93108.8
2.5°	15538.9	21167.2	26394.5	32804.9	41330.4	49021.1	58236.3	71865.4	86448.9	96935.8	105330.3
0°	17114.1	22389.2	27974.0	34425.1	43998.0	52475.4	62350.8	76966.1	92225.7	102703.4	110449.7
-2.5°	16775.0	22110.6	27332.2	33886.6	43497.2	51301.7	61299.3	75679.3	90755.9	101401.0	108358.4
-5°	15716.5	20438.9	25127.2	31282.8	39734.1	47339.1	57129.9	71911.2	86372.9	97228.3	105233.7
-7.5°	14151.2	18160.9	22413.2	28022.3	35378.7	42653.6	51169.4	62949.4	76447.1	86266.3	92068.8
-10°	12503.3	15823.1	19805.5	24545.7	30617.1	37151.2	44223.4	53660.0	65193.6	73804.6	79309.4
-12.5°	11058.8	13935.2	17487.8	20993.7	25947.2	31766.8	38046.6	45768.8	53379.3	62459.8	67218.9
-15°	9728.3	12125.8	15178.6	18540.0	22656.3	27230.2	31729.9	37511.9	42467.9	48139.9	52260.9
-17.5°	8615.1	10529.8	13234.6	16492.3	19591.8	23530.4	27824.4	31741.1	35931.1	40025.6	43442.9
-20°	7609.0	9188.8	11495.1	14363.3	17417.1	20766.3	24555.4	27743.6	31167.4	34278.7	36951.7



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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°	6465.6	8067.6	9853.8	12307.7	15366.1	18368.7	21174.6	23584.0	26171.2	28685.4	30583.3
-25°	5275.7	6813.2	8523.3	10839.2	13344.5	15871.0	17858.2	19554.5	21574.0	23385.7	25014.4
-27.5°	4045.3	5684.5	7528.9	9463.3	11642.5	13248.0	14920.3	16454.4	17989.2	19208.2	20583.7
-30°	2812.3	4601.0	6415.0	8245.9	9738.5	11020.1	12267.3	13674.2	15063.0	16221.5	17192.4
-32.5°	1931.3	3221.5	5052.0	6754.6	8030.5	9119.7	10083.0	11282.7	12358.9	13312.4	14161.8
-35°	1160.0	2068.9	3325.8	4943.9	6339.9	7399.7	8380.9	9290.6	10093.9	10896.9	11535.8
-37.5°	993.7	1195.0	1957.4	3033.3	4361.9	5644.4	6652.5	7504.0	8252.5	8870.9	9413.1
-40°	894.8	1013.9	1180.6	1547.6	2525.9	3505.4	4605.6	5576.2	6365.7	6946.6	7418.4
-42.5°	836.4	912.8	994.4	1125.1	1270.5	1735.4	2577.2	3381.4	4075.2	4718.7	5271.0
-45°	826.5	858.8	902.7	976.5	1043.6	1164.1	1295.6	1424.2	1969.9	2487.1	2911.5
-47.5°	764.6	830.5	870.7	903.8	939.0	995.9	1051.5	1111.1	1210.3	1303.5	1383.5
-50°	674.2	745.2	806.0	865.5	896.7	919.8	942.8	972.4	1011.1	1046.5	1079.0
-52.5°	563.4	631.7	699.9	763.3	812.8	858.3	899.3	918.4	933.1	946.4	956.8
-55°	465.0	518.9	572.6	630.5	687.8	742.2	789.3	820.3	848.3	873.1	894.3
-57.5°	372.2	414.2	458.0	505.1	550.8	594.7	636.6	674.8	708.7	738.2	763.1
-60°	288.4	316.6	353.2	390.6	426.1	459.8	493.8	524.7	552.6	577.2	596.4
-62.5°	216.4	239.8	267.6	294.0	317.4	342.5	374.2	400.8	422.5	440.2	455.7
-65°	155.5	175.1	197.4	219.5	241.1	262.7	284.9	306.2	326.6	342.9	354.4
-67.5°	110.4	124.3	140.0	153.7	169.9	188.7	208.8	227.2	243.9	255.4	262.4
-70°	81.3	89.5	100.9	114.0	127.5	140.1	152.9	165.6	178.2	187.1	193.7
-72.5°	59.3	67.4	75.7	84.2	93.3	102.6	111.9	121.4	130.8	136.7	140.8
-75°	35.9	40.7	48.0	55.1	61.9	68.4	74.4	80.1	85.4	88.2	90.0
-77.5°	25.8	29.2	32.8	36.4	40.2	44.0	47.8	51.6	55.3	57.0	58.3
-80°	19.7	21.6	23.6	25.7	28.0	30.2	32.6	34.9	37.3	37.7	37.7
-82.5°	13.9	15.3	16.7	18.1	19.4	20.7	21.9	23.1	24.3	24.6	24.8
-85°	10.0	10.9	11.7	12.7	13.6	14.6	15.5	16.5	17.5	17.6	17.7
-87.5°	8.6	9.1	9.6	10.0	10.5	11.1	11.6	12.1	12.6	12.5	12.5
-90°	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7



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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°	13.0	12.5	12.5	12.5	12.5	12.5	13.0	13.4	13.8	14.3	12.9
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	4.1
85°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.3	5.7
82.5°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.4	5.9
80°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.7	4.6	5.4	5.9
77.5°	2.8	1.8	1.8	1.8	1.8	1.8	2.8	3.7	4.6	5.5	5.9
75°	4.0	3.6	2.7	1.8	2.7	3.6	4.0	4.5	5.0	5.5	6.0
72.5°	5.8	5.4	5.4	5.4	5.4	5.4	5.8	6.2	6.5	7.0	7.6
70°	6.4	5.5	5.4	5.4	5.4	5.5	6.4	7.2	8.0	8.7	9.5
67.5°	8.7	8.8	8.1	7.2	8.1	8.8	8.7	8.7	8.8	9.3	10.3
65°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.4	10.4
62.5°	7.4	7.3	7.2	7.2	7.2	7.3	7.4	7.5	7.7	8.5	9.8
60°	6.2	5.6	5.4	5.4	5.4	5.6	6.2	6.7	7.1	7.7	8.6
57.5°	6.1	5.6	5.4	5.4	5.4	5.6	6.1	6.6	7.2	7.6	8.1
55°	6.1	5.6	5.4	5.4	5.4	5.6	6.1	6.7	7.2	7.7	8.2
52.5°	6.2	5.6	6.1	7.2	6.1	5.6	6.2	6.8	7.3	7.8	8.3
50°	7.7	7.3	7.2	7.2	7.2	7.3	7.7	8.1	8.4	8.8	8.8
47.5°	10.3	9.4	8.9	8.9	8.9	9.4	10.3	10.9	11.4	11.7	12.0
45°	14.6	13.3	12.4	12.5	12.4	13.3	14.6	15.6	15.7	15.6	15.6
42.5°	22.0	21.5	21.3	21.5	21.3	21.5	22.0	22.2	23.6	22.0	19.3
40°	47.2	47.8	47.6	48.3	47.6	47.8	47.2	44.7	44.3	41.8	41.0
37.5°	88.8	85.8	81.3	82.3	81.3	85.8	88.8	88.5	85.5	75.2	77.6
35°	173.3	177.8	177.5	179.0	177.5	177.8	173.3	172.3	164.4	141.7	147.9
32.5°	401.0	422.3	422.8	431.4	422.8	422.3	401.0	370.6	328.6	290.2	265.1
30°	787.9	804.8	779.4	791.2	779.4	804.8	787.9	751.0	631.7	552.5	459.1
27.5°	1486.4	1549.0	1548.4	1521.5	1548.4	1549.0	1486.4	1397.7	1227.1	1064.8	827.4
25°	2610.8	2707.6	2689.7	2658.1	2689.7	2707.6	2610.8	2395.2	2138.9	1891.2	1549.9
22.5°	4116.4	4276.2	4404.2	4321.0	4404.2	4276.2	4116.4	3825.7	3505.6	3080.6	2741.8
20°	6728.3	6774.0	6909.9	6861.0	6909.9	6774.0	6728.3	6038.9	5570.3	5043.4	4442.4
17.5°	13820.9	14316.8	13971.8	12922.0	13971.8	14316.8	13820.9	11967.1	11282.8	10015.8	8285.4
15°	27988.9	30067.1	31680.9	30795.0	31680.9	30067.1	27988.9	25824.5	22743.1	19816.3	16514.7
12.5°	45835.6	47369.0	48395.0	48470.3	48395.0	47369.0	45835.6	42635.3	37174.3	32532.4	27198.8
10°	65788.5	67143.5	68958.5	69213.6	68958.5	67143.5	65788.5	61378.1	54874.4	47352.4	39517.9
7.5°	82586.2	85333.9	86606.1	86435.1	86606.1	85333.9	82586.2	78923.5	71543.2	62958.4	52596.8
5°	97608.9	100455.5	101702.4	101909.6	101702.4	100455.5	97608.9	93108.8	85494.2	75773.3	63534.4
2.5°	110358.5	113232.4	114730.5	114319.7	114730.5	113232.4	110358.5	105330.3	96935.8	86448.9	71865.4
0°	114483.4	116746.8	118002.5	117658.0	118002.5	116746.8	114483.4	110449.7	102703.4	92225.7	76966.1
-2.5°	111861.2	113225.1	114171.4	113805.9	114171.4	113225.1	111861.2	108358.4	101401.0	90755.9	75679.3
-5°	108955.2	110573.6	110927.6	111360.8	110927.6	110573.6	108955.2	105233.7	97228.3	86372.9	71911.2
-7.5°	94276.0	96007.2	96579.0	97445.4	96579.0	96007.2	94276.0	92068.8	86266.3	76447.1	62949.4
-10°	82304.8	84246.4	84340.0	84874.3	84340.0	84246.4	82304.8	79309.4	73804.6	65193.6	53660.0
-12.5°	72277.2	74949.2	75835.8	75623.6	75835.8	74949.2	72277.2	67218.9	62459.8	53379.3	45768.8
-15°	57747.3	60029.8	60192.7	60299.5	60192.7	60029.8	57747.3	52260.9	48139.9	42467.9	37511.9
-17.5°	47069.2	49287.3	50142.3	50408.0	50142.3	49287.3	47069.2	43442.9	40025.6	35931.1	31741.1
-20°	39246.1	40897.4	41941.8	42374.5	41941.8	40897.4	39246.1	36951.7	34278.7	31167.4	27743.6



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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°	32242.3	33289.0	33670.8	33766.4	33670.8	33289.0	32242.3	30583.3	28685.4	26171.2	23584.0
-25°	26158.6	26990.0	27473.3	27675.1	27473.3	26990.0	26158.6	25014.4	23385.7	21574.0	19554.5
-27.5°	21475.8	22215.7	22681.0	22752.6	22681.0	22215.7	21475.8	20583.7	19208.2	17989.2	16454.4
-30°	17935.7	18585.5	19020.3	19138.6	19020.3	18585.5	17935.7	17192.4	16221.5	15063.0	13674.2
-32.5°	14861.6	15417.7	15758.8	15905.9	15758.8	15417.7	14861.6	14161.8	13312.4	12358.9	11282.7
-35°	12012.8	12386.7	12605.2	12533.5	12605.2	12386.7	12012.8	11535.8	10896.9	10093.9	9290.6
-37.5°	9847.8	10148.6	10312.4	10321.1	10312.4	10148.6	9847.8	9413.1	8870.9	8252.5	7504.0
-40°	7809.1	8114.6	8298.7	8309.1	8298.7	8114.6	7809.1	7418.4	6946.6	6365.7	5576.2
-42.5°	5710.4	6023.2	6236.9	6376.0	6236.9	6023.2	5710.4	5271.0	4718.7	4075.2	3381.4
-45°	3265.5	3535.7	3741.8	3891.4	3741.8	3535.7	3265.5	2911.5	2487.1	1969.9	1424.2
-47.5°	1443.2	1487.0	1506.1	1500.0	1506.1	1487.0	1443.2	1383.5	1303.5	1210.3	1111.1
-50°	1108.8	1134.7	1147.7	1147.4	1147.7	1134.7	1108.8	1079.0	1046.5	1011.1	972.4
-52.5°	965.0	971.6	975.4	977.3	975.4	971.6	965.0	956.8	946.4	933.1	918.4
-55°	911.7	925.4	930.5	929.0	930.5	925.4	911.7	894.3	873.1	848.3	820.3
-57.5°	784.1	801.0	812.3	818.0	812.3	801.0	784.1	763.1	738.2	708.7	674.8
-60°	610.9	621.0	627.3	630.1	627.3	621.0	610.9	596.4	577.2	552.6	524.7
-62.5°	469.2	480.7	486.4	488.7	486.4	480.7	469.2	455.7	440.2	422.5	400.8
-65°	364.5	372.9	377.4	379.5	377.4	372.9	364.5	354.4	342.9	326.6	306.2
-67.5°	267.7	271.4	273.3	273.9	273.3	271.4	267.7	262.4	255.4	243.9	227.2
-70°	199.9	205.3	208.8	211.2	208.8	205.3	199.9	193.7	187.1	178.2	165.6
-72.5°	144.2	147.0	149.1	150.4	149.1	147.0	144.2	140.8	136.7	130.8	121.4
-75°	91.4	92.3	92.9	93.1	92.9	92.3	91.4	90.0	88.2	85.4	80.1
-77.5°	59.4	60.4	61.6	62.6	61.6	60.4	59.4	58.3	57.0	55.3	51.6
-80°	37.6	37.4	37.6	37.6	37.6	37.4	37.6	37.7	37.7	37.3	34.9
-82.5°	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.8	24.6	24.3	23.1
-85°	17.8	17.9	17.9	17.9	17.9	17.9	17.8	17.7	17.6	17.5	16.5
-87.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.1
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	4.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.6	10.2	8.9	8.5	8.1	7.6	7.2	7.2	7.2	7.2	7.2
87.5°	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2
85°	6.1	6.5	6.9	6.9	7.0	7.1	7.2	7.2	7.2	7.2	7.2
82.5°	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.4	7.5	7.5	7.4
80°	6.4	6.8	7.2	7.2	7.2	7.2	7.3	7.7	8.1	8.5	8.6
77.5°	6.4	6.8	7.2	7.4	7.5	7.5	7.5	7.7	8.2	8.6	8.9
75°	6.4	6.9	7.4	7.9	8.4	8.7	8.9	9.1	9.2	9.4	9.3
72.5°	8.0	8.4	8.8	9.3	9.5	10.1	10.4	10.5	10.6	10.7	10.3
70°	10.2	10.9	12.0	13.1	13.7	14.1	13.7	13.1	12.3	12.1	11.5
67.5°	11.2	12.2	14.1	16.2	17.7	18.7	18.6	17.6	16.4	15.5	13.4
65°	11.4	12.3	14.9	17.6	20.0	22.3	24.4	24.7	23.6	20.9	16.2
62.5°	11.0	12.3	14.1	16.4	19.3	24.0	29.7	32.2	32.5	28.6	21.9
60°	9.6	10.9	12.4	14.2	16.3	22.8	32.0	38.7	42.8	36.3	27.3
57.5°	8.6	9.3	10.5	11.9	13.8	21.6	32.0	43.3	50.7	40.9	31.9
55°	8.7	9.2	9.7	10.2	11.4	19.2	29.1	40.4	47.6	42.2	32.1
52.5°	8.8	9.4	9.9	10.4	12.1	16.9	23.7	34.5	38.4	34.4	29.1
50°	9.0	9.5	10.0	10.6	12.3	15.5	20.6	28.0	28.3	27.0	22.7
47.5°	11.9	11.3	10.6	10.8	12.2	14.2	17.9	21.2	22.1	20.7	17.7
45°	15.5	14.9	13.8	13.3	12.7	13.7	15.7	17.8	18.6	18.0	14.7
42.5°	21.8	20.7	18.3	18.5	16.7	15.6	15.5	17.2	17.4	17.0	16.6
40°	40.2	34.4	33.8	30.1	26.0	21.1	20.6	19.7	19.3	17.5	20.5
37.5°	75.9	67.4	67.0	62.2	50.7	35.4	30.2	26.8	23.9	25.5	27.9
35°	134.7	123.2	117.1	109.2	94.8	70.1	46.2	37.6	34.1	36.0	38.0
32.5°	241.2	225.9	185.1	169.9	171.6	126.5	82.9	54.4	51.6	50.6	49.0
30°	392.2	391.8	333.5	290.5	309.5	257.4	139.4	101.4	77.5	68.7	62.2
27.5°	742.2	651.0	577.4	544.9	514.3	446.2	314.0	173.8	116.3	93.4	82.6
25°	1348.7	1072.9	1004.6	901.9	788.6	715.6	533.1	332.5	195.5	126.6	122.5
22.5°	2303.5	2008.8	1700.9	1354.5	1252.1	1101.0	859.6	519.7	316.5	237.1	184.6
20°	3989.3	3456.5	2802.3	2584.8	2149.3	1594.4	1268.5	982.8	712.9	429.9	265.9
17.5°	7707.3	6175.3	5329.4	4870.8	3736.2	2576.7	2393.6	1985.4	1277.9	673.1	363.1
15°	13540.6	12088.4	10430.7	8332.3	6440.7	5219.5	4334.2	3273.2	2058.2	1083.5	583.5
12.5°	22948.6	19735.2	16735.0	12954.2	10640.3	8585.0	6853.6	5004.6	3161.5	1809.5	968.3
10°	32786.1	28157.6	23525.5	18749.8	15144.2	12303.2	9377.5	6581.9	4337.3	2668.1	1408.8
7.5°	43693.2	37224.2	30770.4	24265.5	19280.7	15430.7	11464.4	7948.2	5423.4	3557.1	1882.7
5°	52432.4	44336.9	36476.5	28820.7	23071.7	18555.5	13588.5	9187.0	6414.1	4439.3	2363.2
2.5°	58236.3	49021.1	41330.4	32804.9	26394.5	21167.2	15538.9	10408.0	7145.3	4947.2	2561.3
0°	62350.8	52475.4	43998.0	34425.1	27974.0	22389.2	17114.1	11599.1	7705.9	5296.6	2704.7
-2.5°	61299.3	51301.7	43497.2	33886.6	27332.2	22110.6	16775.0	12200.7	8371.8	5596.0	2752.3
-5°	57129.9	47339.1	39734.1	31282.8	25127.2	20438.9	15716.5	11963.1	8525.7	5645.2	2731.2
-7.5°	51169.4	42653.6	35378.7	28022.3	22413.2	18160.9	14151.2	10848.8	7819.7	5110.1	2531.7
-10°	44223.4	37151.2	30617.1	24545.7	19805.5	15823.1	12503.3	9664.5	7022.8	4490.6	2268.9
-12.5°	38046.6	31766.8	25947.2	20993.7	17487.8	13935.2	11058.8	8530.9	6159.1	3811.5	1945.3
-15°	31729.9	27230.2	22656.3	18540.0	15178.6	12125.8	9728.3	7620.6	5384.2	3103.9	1563.1
-17.5°	27824.4	23530.4	19591.8	16492.3	13234.6	10529.8	8615.1	6704.0	4554.2	2471.0	1180.8
-20°	24555.4	20766.3	17417.1	14363.3	11495.1	9188.8	7609.0	5709.0	3629.3	1953.8	1064.6



REPORT NUMBER: P1306247 (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°	21174.6	18368.7	15366.1	12307.7	9853.8	8067.6	6465.6	4634.6	2616.7	1393.2	941.7
-25°	17858.2	15871.0	13344.5	10839.2	8523.3	6813.2	5275.7	3501.1	1974.5	1053.3	823.7
-27.5°	14920.3	13248.0	11642.5	9463.3	7528.9	5684.5	4045.3	2435.6	1308.4	925.8	764.5
-30°	12267.3	11020.1	9738.5	8245.9	6415.0	4601.0	2812.3	1670.5	1025.7	816.2	718.8
-32.5°	10083.0	9119.7	8030.5	6754.6	5052.0	3221.5	1931.3	1091.4	874.7	766.4	703.4
-35°	8380.9	7399.7	6339.9	4943.9	3325.8	2068.9	1160.0	939.8	801.0	726.3	696.5
-37.5°	6652.5	5644.4	4361.9	3033.3	1957.4	1195.0	993.7	851.6	752.5	718.2	668.9
-40°	4605.6	3505.4	2525.9	1547.6	1180.6	1013.9	894.8	796.0	752.0	695.0	629.3
-42.5°	2577.2	1735.4	1270.5	1125.1	994.4	912.8	836.4	791.7	732.2	655.1	570.5
-45°	1295.6	1164.1	1043.6	976.5	902.7	858.8	826.5	758.5	681.4	592.8	504.5
-47.5°	1051.5	995.9	939.0	903.8	870.7	830.5	764.6	694.3	603.8	518.3	443.6
-50°	942.8	919.8	896.7	865.5	806.0	745.2	674.2	597.9	519.3	448.2	381.1
-52.5°	899.3	858.3	812.8	763.3	699.9	631.7	563.4	503.5	439.6	379.0	321.1
-55°	789.3	742.2	687.8	630.5	572.6	518.9	465.0	414.1	365.3	311.4	265.0
-57.5°	636.6	594.7	550.8	505.1	458.0	414.2	372.2	330.5	294.5	252.4	210.8
-60°	493.8	459.8	426.1	390.6	353.2	316.6	288.4	258.7	227.8	195.6	161.8
-62.5°	374.2	342.5	317.4	294.0	267.6	239.8	216.4	193.7	168.8	141.7	120.2
-65°	284.9	262.7	241.1	219.5	197.4	175.1	155.5	137.7	121.3	103.7	85.7
-67.5°	208.8	188.7	169.9	153.7	140.0	124.3	110.4	96.2	86.0	76.9	66.6
-70°	152.9	140.1	127.5	114.0	100.9	89.5	81.3	73.9	65.9	57.2	48.3
-72.5°	111.9	102.6	93.3	84.2	75.7	67.4	59.3	51.9	44.8	37.8	31.6
-75°	74.4	68.4	61.9	55.1	48.0	40.7	35.9	32.9	29.7	26.1	22.2
-77.5°	47.8	44.0	40.2	36.4	32.8	29.2	25.8	23.1	20.9	18.8	16.9
-80°	32.6	30.2	28.0	25.7	23.6	21.6	19.7	18.0	16.3	14.8	13.6
-82.5°	21.9	20.7	19.4	18.1	16.7	15.3	13.9	13.0	12.3	11.6	11.1
-85°	15.5	14.6	13.6	12.7	11.7	10.9	10.0	10.0	9.9	9.8	9.6
-87.5°	11.6	11.1	10.5	10.0	9.6	9.1	8.6	8.5	8.5	8.5	8.4
-90°	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.5	7.6
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.5	7.8	8.0
82.5°	7.2	7.2	7.2	7.2	7.5	7.6	7.7	7.7	7.8	8.1	8.4
80°	8.4	8.2	7.9	7.7	7.9	8.1	8.3	8.4	8.3	8.4	8.6
77.5°	8.9	8.9	8.9	8.7	8.5	8.5	8.7	8.9	8.8	8.7	8.7
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.9	8.9	8.9	8.8
72.5°	9.7	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	10.6	9.6	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
67.5°	11.6	10.7	9.7	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9
65°	13.8	11.9	10.6	9.7	9.1	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	16.7	13.2	11.5	10.4	9.5	9.0	8.9	8.9	8.9	8.9	8.9
60°	20.3	15.3	12.6	11.2	10.0	9.1	8.9	8.9	8.9	8.9	8.9
57.5°	23.3	16.8	14.4	12.3	10.8	9.5	8.9	8.9	8.9	8.9	8.9
55°	24.5	18.3	16.1	14.0	11.8	10.2	9.2	8.9	8.9	8.9	8.9
52.5°	21.7	18.9	17.5	15.5	13.3	11.0	9.9	8.9	8.9	8.9	8.9
50°	17.1	17.8	17.9	16.4	14.6	12.4	10.5	9.4	8.9	8.9	9.0
47.5°	15.1	16.8	17.1	16.9	15.3	13.6	11.5	10.0	8.9	8.9	9.1
45°	15.5	16.1	16.7	16.4	15.8	14.3	12.4	10.6	9.4	9.1	9.3
42.5°	17.1	17.2	16.9	16.2	16.0	14.8	13.2	11.3	9.9	9.3	9.5
40°	20.7	19.6	18.0	17.7	16.3	15.3	13.6	11.9	10.4	9.7	9.7
37.5°	25.3	23.4	20.9	21.3	17.7	15.8	14.0	12.3	11.1	10.3	10.0
35°	34.9	28.6	27.1	26.9	22.5	16.5	14.4	12.7	11.9	11.0	10.4
32.5°	47.3	38.5	36.0	33.4	28.8	17.4	15.0	13.8	12.8	11.6	10.7
30°	60.7	56.0	46.4	40.8	36.1	23.2	16.6	15.2	13.7	12.2	11.1
27.5°	81.7	75.5	59.1	50.3	43.0	30.8	19.9	16.7	14.6	12.8	11.7
25°	110.1	97.3	77.6	61.1	50.4	48.8	24.0	18.5	15.8	13.6	12.2
22.5°	150.0	122.7	97.4	72.7	80.0	71.8	33.8	21.8	17.2	14.4	12.6
20°	196.1	151.6	128.1	122.0	116.9	97.2	50.8	25.4	18.6	15.2	13.1
17.5°	251.6	222.8	213.3	184.1	158.2	126.3	70.4	29.4	20.2	15.9	13.5
15°	409.4	349.0	307.5	253.6	202.8	158.5	92.0	33.6	21.8	16.7	13.9
12.5°	596.2	482.8	408.7	328.9	249.9	193.0	114.9	38.0	23.4	17.3	14.0
10°	789.9	622.0	514.7	408.1	298.6	228.9	138.3	42.9	25.5	17.9	14.1
7.5°	986.7	764.1	623.5	489.3	347.1	264.1	164.0	48.6	27.7	18.4	14.2
5°	1165.3	887.4	712.5	554.4	390.2	297.0	189.1	54.2	29.9	18.9	14.3
2.5°	1263.5	977.5	785.7	613.5	431.7	327.9	212.3	59.5	32.0	19.3	14.3
0°	1349.7	1061.5	853.8	667.7	470.8	356.2	232.7	64.4	34.0	19.7	14.3
-2.5°	1350.1	1048.1	851.0	684.2	490.2	367.0	241.6	78.7	42.7	24.5	16.0
-5°	1337.0	1028.3	844.2	694.9	505.7	374.7	247.0	92.0	51.0	29.1	17.6
-7.5°	1277.2	989.0	827.0	697.2	516.7	379.1	249.3	104.0	58.6	33.3	19.0
-10°	1197.3	936.7	795.5	675.4	512.2	378.0	248.6	114.6	65.4	36.9	20.3
-12.5°	1105.4	881.7	764.9	651.6	502.2	371.9	244.1	122.7	71.2	39.9	21.2
-15°	1002.0	825.1	736.5	626.6	488.8	363.4	237.7	128.6	75.9	42.5	21.9
-17.5°	891.5	768.1	711.6	601.7	472.3	352.6	229.8	132.7	79.4	44.6	22.9
-20°	832.8	730.6	688.6	577.6	452.8	339.8	220.7	134.5	81.5	45.9	24.1



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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°	781.2	711.0	655.3	552.4	432.4	325.2	210.7	134.2	82.0	46.3	25.0
-25°	728.5	692.4	622.2	519.3	412.5	309.6	204.6	131.5	80.9	45.7	25.4
-27.5°	699.1	669.3	589.5	483.5	385.7	294.2	200.6	129.9	78.8	44.1	25.3
-30°	680.4	632.6	549.5	447.0	356.5	270.6	193.6	126.1	76.8	43.1	24.8
-32.5°	666.4	597.6	505.3	412.8	327.3	245.4	179.2	120.0	73.5	42.5	24.6
-35°	635.3	554.5	459.7	376.5	297.3	224.7	162.1	111.5	68.6	41.1	24.2
-37.5°	599.8	505.5	418.2	340.1	266.0	202.4	146.3	99.9	62.3	39.1	23.1
-40°	543.8	456.3	376.3	304.7	238.5	178.7	129.0	89.0	58.1	36.4	21.5
-42.5°	485.3	408.0	335.6	268.1	211.2	158.0	110.9	77.2	52.9	33.7	19.3
-45°	430.1	359.0	293.8	236.3	183.2	135.7	97.1	65.5	46.9	30.5	17.4
-47.5°	373.6	311.3	254.0	202.5	156.8	113.9	82.4	58.1	40.3	26.5	16.4
-50°	319.8	264.7	215.1	170.4	128.4	96.8	68.5	50.0	34.5	21.4	15.2
-52.5°	268.3	220.3	177.8	138.2	106.4	78.8	58.5	41.4	28.4	18.5	13.8
-55°	218.9	178.7	141.7	111.3	85.2	65.2	47.9	34.1	21.9	16.6	12.4
-57.5°	174.1	138.7	111.8	87.1	68.1	52.3	38.2	26.4	18.6	14.6	12.0
-60°	131.3	107.5	84.3	68.3	53.9	40.6	29.2	20.1	16.3	12.8	11.6
-62.5°	98.7	79.2	65.8	52.8	41.0	30.3	20.9	17.5	13.9	12.4	11.2
-65°	74.0	61.7	49.1	39.2	29.3	21.5	18.0	14.8	13.0	11.9	10.9
-67.5°	55.6	45.3	35.1	26.1	21.1	17.7	14.8	13.5	12.4	11.4	10.8
-70°	39.2	30.0	23.7	19.7	16.5	14.2	13.6	12.8	11.8	11.2	10.8
-72.5°	26.5	21.8	17.4	14.3	13.8	13.3	12.8	12.2	11.5	11.0	10.7
-75°	18.2	15.9	14.3	13.2	12.9	12.5	12.0	11.6	11.0	10.7	10.3
-77.5°	15.3	13.9	12.9	12.2	11.9	11.6	11.2	10.9	10.5	10.2	9.8
-80°	12.8	12.2	11.6	11.2	11.0	10.7	10.4	10.1	9.8	9.6	9.3
-82.5°	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.7
-85°	9.5	9.4	9.3	9.2	9.0	8.9	8.8	8.6	8.5	8.4	8.2
-87.5°	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.7
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.6	7.6	7.5	7.4	7.3	7.2	7.2
85°	8.1	7.9	7.8	7.6	7.5	7.3	7.2
82.5°	8.5	8.3	8.1	7.9	7.6	7.3	7.2
80°	8.9	8.7	8.4	8.1	7.8	7.3	7.2
77.5°	8.9	8.9	8.7	8.3	7.9	7.4	7.2
75°	8.9	8.9	8.9	8.5	8.0	7.4	7.2
72.5°	8.9	8.9	8.9	8.7	8.2	7.4	7.2
70°	8.9	8.9	8.9	8.9	8.3	7.5	7.2
67.5°	8.9	8.9	8.9	8.9	8.4	7.5	7.2
65°	8.9	8.9	8.9	8.9	8.5	7.5	7.2
62.5°	8.9	8.9	8.9	8.9	8.6	7.5	7.2
60°	8.9	8.9	8.9	8.9	8.7	7.6	7.2
57.5°	8.9	8.9	8.9	8.9	8.7	7.6	7.2
55°	8.9	8.9	8.9	8.9	8.6	7.6	7.2
52.5°	8.9	8.9	8.9	8.9	8.6	7.6	7.2
50°	8.9	8.9	8.9	8.9	8.6	7.6	7.2
47.5°	8.9	8.9	8.9	8.9	8.6	7.6	7.2
45°	9.1	8.9	8.9	8.9	8.6	7.6	7.2
42.5°	9.2	8.9	8.9	8.9	8.6	7.6	7.2
40°	9.4	8.9	8.9	8.9	8.6	7.6	7.2
37.5°	9.7	8.9	8.9	8.9	8.6	7.6	7.2
35°	9.9	9.0	8.9	8.9	8.6	7.6	7.2
32.5°	10.2	9.2	8.9	8.9	8.7	7.6	7.2
30°	10.5	9.4	8.9	8.9	8.7	7.6	7.2
27.5°	10.8	9.6	8.9	8.9	8.7	7.5	7.2
25°	11.1	9.8	8.9	8.9	8.7	7.5	7.2
22.5°	11.4	10.0	8.9	8.9	8.7	7.5	7.2
20°	11.8	10.1	8.9	8.9	8.8	7.5	7.2
17.5°	12.0	10.3	8.9	8.9	8.8	7.4	7.2
15°	12.1	10.4	8.9	8.9	8.8	7.4	7.2
12.5°	12.2	10.5	8.9	8.9	8.8	7.4	7.2
10°	12.3	10.6	8.9	8.9	8.9	7.3	7.2
7.5°	12.4	10.6	8.9	8.9	8.9	7.3	7.2
5°	12.5	10.7	8.9	8.9	8.9	7.3	7.2
2.5°	12.5	10.7	8.9	8.9	8.9	7.2	7.2
0°	12.5	10.7	8.9	8.9	8.9	7.2	7.2
-2.5°	12.7	10.9	9.1	8.9	8.9	7.2	7.2
-5°	12.9	11.1	9.2	8.9	8.9	7.3	7.2
-7.5°	13.1	11.2	9.4	8.9	8.9	7.3	7.2
-10°	13.3	11.4	9.5	8.9	8.9	7.3	7.2
-12.5°	13.4	11.5	9.6	8.9	8.8	7.4	7.2
-15°	13.6	11.6	9.7	8.9	8.8	7.4	7.2
-17.5°	13.6	11.7	9.8	8.9	8.8	7.4	7.2
-20°	14.1	11.7	9.8	8.9	8.8	7.5	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.9	11.8	9.9	8.9	8.7	7.5	7.2
-25°	15.4	11.8	9.9	8.9	8.7	7.5	7.2
-27.5°	15.7	11.8	9.8	8.9	8.7	7.5	7.2
-30°	15.6	11.7	9.7	8.9	8.7	7.6	7.2
-32.5°	15.1	11.6	9.6	8.9	8.7	7.6	7.2
-35°	14.8	11.4	9.5	8.9	8.6	7.6	7.2
-37.5°	14.5	11.1	9.4	8.9	8.6	7.6	7.2
-40°	14.1	10.9	9.3	8.9	8.6	7.6	7.2
-42.5°	13.5	10.7	9.2	8.9	8.6	7.6	7.2
-45°	12.8	10.5	9.3	9.0	8.6	7.6	7.2
-47.5°	12.0	10.3	9.3	9.0	8.6	7.6	7.2
-50°	11.6	10.1	9.4	9.0	8.6	7.6	7.2
-52.5°	11.3	9.8	9.4	9.0	8.6	7.6	7.2
-55°	11.0	9.9	9.5	9.0	8.6	7.6	7.2
-57.5°	10.6	9.9	9.5	9.0	8.7	7.6	7.2
-60°	10.4	10.0	9.6	9.0	8.7	7.6	7.2
-62.5°	10.4	10.0	9.5	9.0	8.6	7.5	7.2
-65°	10.5	10.0	9.4	9.0	8.5	7.5	7.2
-67.5°	10.5	10.0	9.3	9.0	8.4	7.5	7.2
-70°	10.5	9.8	9.2	8.9	8.3	7.5	7.2
-72.5°	10.2	9.5	9.1	8.7	8.2	7.4	7.2
-75°	9.8	9.3	8.9	8.5	8.0	7.4	7.2
-77.5°	9.4	9.0	8.7	8.3	7.9	7.4	7.2
-80°	9.0	8.7	8.4	8.1	7.8	7.3	7.2
-82.5°	8.5	8.3	8.1	7.9	7.6	7.3	7.2
-85°	8.1	7.9	7.8	7.6	7.5	7.3	7.2
-87.5°	7.6	7.6	7.5	7.4	7.3	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)